

## Dienstleister

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## Messung

Datei: Colorcheck\_1277808683.txt  
 Datum: 29.06.2010 10:51  
 Info: Demo Messung  
 Messgerät: X-Rite Eye-One  
 Messbedingung: Spectral => D50/2°

## Toleranz



Digital FineArt 2010 - Erfüllt

Colorcheck_1277808683 29.06.2010 10:51 / Demo Messung			
QUICKCHECK / Digital FineArt 2010			
<b>Farbmanagement</b>			
Mittelwert $\Delta E_{00}$ :	<b>1.41</b>	Hohe Genauigkeit	(Digital FineArt 2010)
Maximal $\Delta E_{00}$ :	<b>2.19</b> (Feld B4)		
<b>Graubalance</b>			
Max. Abweichung $\Delta s$ :	<b>0.68</b> (Feld A3)	$\Delta s \leq 2$	(Digital FineArt 2010)
Farbton:	Neutral	$\text{Ø}C^*: 1.5$	
<b>Tiefenzeichnung</b>			
Tiefenzeichnung $\Delta L$ :	<b>3.89</b>	$\Delta L \geq 2$	(Digital FineArt 2010)
$D_{\max}$ :	2.47		
<b>Papiereigenschaften</b>			
Papierweiss Lab*:	98.2 / -0.4 / 2.6	D50/2° (ISO 5631-3)	
Farbraum:	99 CCU	CCU = Cubic Colorcheck Units	

## Farbmanagement

Mittelwert  $\Delta E_{00}$ : **1.41**

Hohe Genauigkeit



(Digital FineArt 2010)

Maximal  $\Delta E_{00}$ : **2.19** (Feld B4)

Feld	Ref	Lab L*	Lab a*	Lab b*	Sättigungs- Unterschied $\Delta C'$	Farbton- Unterschied $\Delta H'$	Farbabstand $\Delta E_{00}$	$\Delta E_{00} \leq 6$
B1		83.0	2.1	75.4	-1.46	0.38	<b>2.00</b>	✓
B2		69.1	30.3	57.5	-1.19	0.33	<b>1.42</b>	✓
B3		52.1	55.8	34.3	-1.36	0.50	<b>1.46</b>	✓
B4		49.8	61.2	-2.1	-1.56	1.53	<b>2.19</b>	✓
B5		44.8	40.2	-23.7	-1.44	1.13	<b>1.85</b>	✓
B6		32.2	8.0	-41.5	-1.84	0.05	<b>1.87</b>	✓
B7		56.3	-23.1	-25.5	-0.94	0.57	<b>1.29</b>	✓
B8		59.7	-37.8	3.3	-0.84	0.32	<b>0.93</b>	✓
B9		59.8	-38.4	30.4	-1.07	0.89	<b>1.41</b>	✓
B10		68.9	-25.3	55.5	-1.28	1.31	<b>2.01</b>	✓
B11		83.7	-0.1	41.8	-1.08	0.11	<b>1.40</b>	✓
B12		69.3	18.8	38.2	-0.71	0.21	<b>0.93</b>	✓
B13		61.2	38.1	23.7	-0.75	0.10	<b>1.02</b>	✓
B14		61.4	37.6	1.4	-0.86	0.81	<b>1.29</b>	✓
B15		59.4	23.3	-16.0	-1.08	0.46	<b>1.28</b>	✓
B16		49.7	-0.6	-27.0	-1.33	0.50	<b>1.61</b>	✓
B17		69.1	-12.0	-16.7	-0.46	0.57	<b>1.01</b>	✓
B18		49.4	-19.4	4.4	-0.35	0.36	<b>0.76</b>	✓
B19		69.4	-21.3	18.2	-0.74	0.55	<b>1.02</b>	✓
B20		74.0	-16.7	33.6	-1.17	0.74	<b>1.57</b>	✓

## Graubalance

Max. Abweichung  $\Delta s$ : **0.68** (Feld A3) $\Delta s \leq 2$ 

Farbton: Neutral

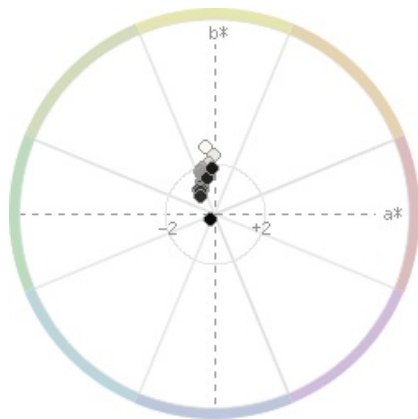
 $\varnothing C^*$ : 1.5

(Digital FineArt 2010)

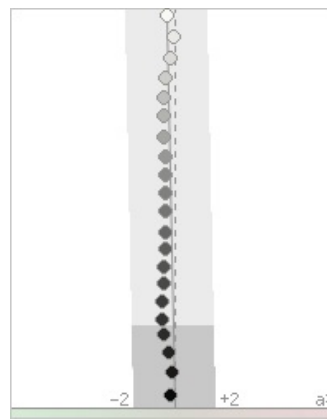
## Tiefenzeichnung

Tiefenzeichnung  $\Delta L$ : **3.89** $\Delta L \geq 2$  $D_{max}$ : 2.47Minimal  $L^*$ : 3.0

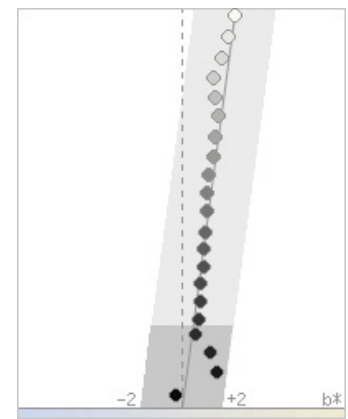
(Digital FineArt 2010)



Feld A1 - A20 / ab\*-Diagramm



a\*-Achse

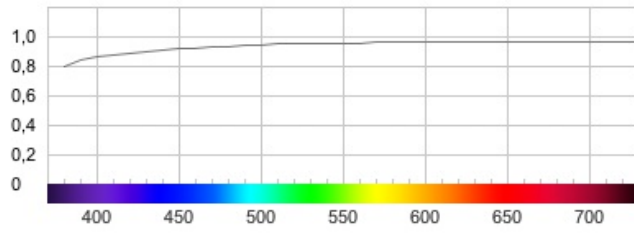


b\*-Achse

Feld	Ref	Lab L*	Lab a*	Lab b*	Relativer Farbstich $\Delta s$	$\Delta s \leq 2$
A1		92.7	-0.1	2.3	<b>0.37</b>	✓
A2		87.3	-0.2	2.0	<b>0.45</b>	✓
A3		82.5	-0.4	1.6	<b>0.68</b>	✓
A4		77.6	-0.5	1.7	<b>0.48</b>	✓
A5		73.1	-0.5	1.8	<b>0.31</b>	✓
A6		67.8	-0.5	1.6	<b>0.35</b>	✓
A7		62.9	-0.5	1.5	<b>0.31</b>	✓
A8		58.2	-0.4	1.3	<b>0.35</b>	✓
A9		53.9	-0.4	1.2	<b>0.32</b>	✓
A10		49.3	-0.5	1.2	<b>0.30</b>	✓
A11		43.8	-0.5	1.2	<b>0.30</b>	✓
A12		39.8	-0.5	1.1	<b>0.33</b>	✓
A13		35.2	-0.5	1.1	<b>0.41</b>	✓
A14		31.2	-0.5	0.9	<b>0.40</b>	✓
A15		26.4	-0.6	0.9	<b>0.57</b>	✓
A16		22.2	-0.6	0.9	<b>0.60</b>	✓
Feld	Ref	Lab L*	Lab a*	Lab b*	Helligkeitsunterschied $\Delta L$ zum vorherigen Feld	$\Delta L \geq 2$
A17		18.3	-0.5	0.7	<b>3.89</b>	✓
A18		13.7	-0.3	1.4	<b>4.62</b>	✓
A19		9.0	-0.1	1.8	<b>4.66</b>	✓
A20		3.0	-0.2	-0.3	<b>6.00</b>	✓

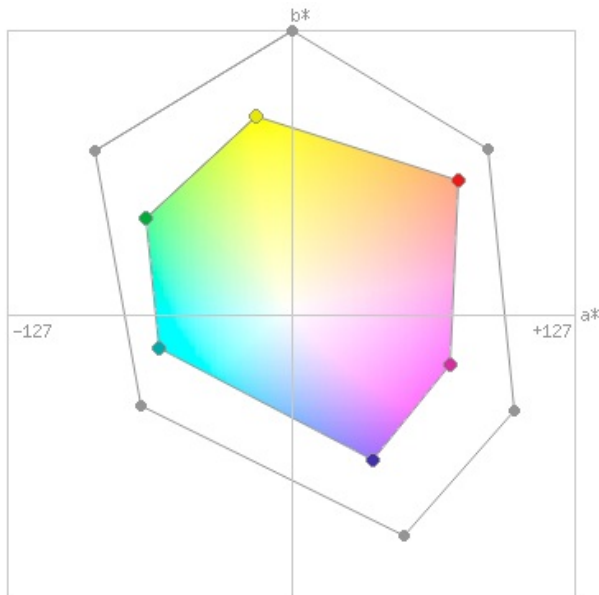
Papiereigenschaften

Papierweiss Lab\*: 98.2 / -0.4 / 2.6 D50/2° (ISO 5631-3)  
CIE Whiteness: 83 D65/10° (ISO 11475)  
Optische Aufheller: Aufhellerfrei (Angabe nur korrekt wenn ohne UV-Filter gemessen wurde)



Farbraum

Grösse: 99 CCU CCU = Cubic Colorcheck Units



Vergleich mit ICCv4 PRMG (Perceptual Reference Medium Gamut)

Feld	Messwerte			Referenz			
	Lab L*	Lab a*	Lab b*	Lab L*	Lab a*	Lab b*	
A1	92.72	-0.05	2.29		92.72	-0.36	2.51
A2	87.27	-0.20	1.95		87.27	-0.34	2.38
A3	82.47	-0.42	1.57		82.47	-0.32	2.25
A4	77.59	-0.50	1.68		77.59	-0.30	2.11
A5	73.14	-0.49	1.76		73.14	-0.28	1.98
A6	67.80	-0.54	1.63		67.80	-0.26	1.85
A7	62.89	-0.48	1.52		62.89	-0.24	1.72
A8	58.15	-0.42	1.29		58.15	-0.22	1.59
A9	53.89	-0.43	1.22		53.89	-0.21	1.45
A10	49.29	-0.47	1.22		49.29	-0.19	1.32
A11	43.77	-0.47	1.16		43.77	-0.17	1.19
A12	39.83	-0.47	1.08		39.83	-0.15	1.06
A13	35.24	-0.50	1.10		35.24	-0.13	0.92
A14	31.21	-0.49	0.91		31.21	-0.11	0.79
A15	26.37	-0.61	0.91		26.37	-0.09	0.66
A16	22.20	-0.56	0.87		22.20	-0.07	0.53
A17	18.31	-0.53	0.66		18.31	-0.06	0.40
A18	13.69	-0.30	1.39		13.69	-0.04	0.26
A19	9.03	-0.10	1.75		9.03	-0.02	0.13
A20	3.03	-0.17	-0.26		3.03	-0.00	0.00
B1	83.03	2.13	75.40		85.00	3.00	82.00
B2	69.09	30.26	57.52		70.00	32.00	62.00
B3	52.14	55.77	34.30		52.00	60.00	38.00
B4	49.82	61.16	-2.08		50.00	67.00	-6.00
B5	44.81	40.21	-23.73		45.00	43.00	-28.00
B6	32.18	8.01	-41.52		32.00	9.00	-47.00
B7	56.28	-23.15	-25.48		57.00	-24.00	-28.00
B8	59.72	-37.76	3.27		60.00	-40.00	4.00
B9	59.79	-38.43	30.35		60.00	-40.00	34.00
B10	68.94	-25.33	55.48		70.00	-25.00	61.00
B11	83.67	-0.14	41.80		85.00	0.00	45.00
B12	69.28	18.80	38.24		70.00	20.00	40.00
B13	61.20	38.13	23.66		62.00	40.00	25.00
B14	61.39	37.63	1.38		62.00	40.00	0.00
B15	59.42	23.35	-15.99		60.00	25.00	-18.00
B16	49.68	-0.58	-26.96		50.00	0.00	-30.00
B17	69.12	-12.04	-16.72		70.00	-12.00	-18.00
B18	49.44	-19.36	4.39		50.00	-20.00	4.00
B19	69.44	-21.27	18.21		70.00	-22.00	20.00
B20	74.00	-16.66	33.57		75.00	-17.00	37.00

Gamut Messwerte								
Feld	Lab L*	Lab a*	Lab b*			RGB R	RGB G	RGB B
C1	51.92	75.02	59.90	Red	Red	255	0	0
C2	60.63	-65.54	43.44	Green	Green	0	255	0
C3	29.89	36.67	-65.15	Blue	Blue	0	0	255
C4	60.79	-59.60	-14.95	Cyan	Cyan	0	255	255
C5	51.48	71.41	-22.71	Magenta	Magenta	255	0	255
C6	90.26	-15.74	88.70	Yellow	Yellow	255	255	0
C7	98.21	-0.37	2.60	White	White	255	255	255
C8	56.50	-9.01	11.51	Grey	Grey	131	141	118
C9	26.23	0.94	-39.48	Dark Blue	Dark Blue	23	64	125
C10	37.08	52.30	-49.21	Purple	Purple	119	28	191
C11	53.46	-13.37	-49.32	Light Blue	Light Blue	57	139	224
C12	50.70	-50.23	43.46	Dark Green	Dark Green	64	132	20
C13	59.70	-69.76	22.65	Teal	Teal	33	207	115
C14	57.96	71.72	13.15	Pink	Pink	228	61	128
C15	34.50	48.71	12.12	Dark Red	Dark Red	126	26	59
C16	58.16	40.66	-34.95	Light Purple	Light Purple	190	128	232
C17	81.13	8.02	38.37	Light Orange	Light Orange	228	197	133
C18	62.25	22.04	67.32	Orange	Orange	255	154	35
C19	69.12	-51.31	58.92	Light Green	Light Green	147	235	39
C20	67.81	-54.42	7.16	Light Cyan	Light Cyan	123	235	190