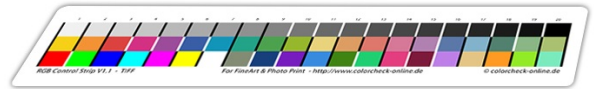


Auswertungsprotokoll RGB-Kontrollkeil

Gedruckt von

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Messung

Datei: Colorcheck_1461835895
Datum: 28.04.2016 11:31
Info: ipf1-HPMF-premMat-27042016-i1D50
Messgerät: i1Pro

Digital FineArt 2010



ERFÜLLT

Farbmanagement



Mittelwert ΔE_{00} : **1.44**
Maximum ΔE_{00} : **1.97** (Feld B18)



Hohe Genauigkeit



(Digital FineArt 2010)

Graubalance



Farbabweichung Δs : **0.99** (Feld A4)
18% Grau / L^*50 : **52.2**
Farbton: Neutral

$\Delta s \leq 2$
 $48.9 < L^*_{A10} < 56.9$
 $\Delta C^*_{ab}: 1.4$



(Digital FineArt 2010)

Tiefenzeichnung



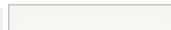
Minimum ΔL : **2.15**
 D_{max} : 1.65

$\Delta L \Rightarrow 1$



(Digital FineArt 2010)

Papiereigenschaften



Papierweiss Lab*: 97.1 / -0.3 / 1.8
Optische Aufheller: 0 (Keine)
Farbraum: 82 CCU

D50/2° (ISO 5631-3)
Angabe nur korrekt wenn ohne UV-Filter gemessen wurde
CCU = Cubic Colorcheck Units

Farbmanagement

Mittelwert ΔE_{00} : **1.44**

Hohe Genauigkeit



(Digital FineArt 2010)

Maximum ΔE_{00} : **1.97** (Feld B18)

Feld	Ref	Lab L*	Lab a*	Lab b*	Sättigungs- Unterschied $\Delta C'$	Farbton- Unterschied $\Delta H'$	Farbabstand ΔE_{00}	$\Delta E_{00} \leq 6$
B1		83.9	3.0	77.6	-0.96	0.10	1.20	✓
B2		71.6	30.9	57.7	-1.06	0.61	1.71	✓
B3		52.1	56.2	33.2	-1.42	1.17	1.84	✓
B4		50.4	62.4	-3.9	-1.21	0.76	1.49	✓
B5		45.1	40.2	-25.3	-1.20	0.39	1.27	✓
B6		40.1	4.4	-39.2	-1.35	0.16	1.42	✓
B7		58.2	-22.8	-25.2	-1.10	0.55	1.67	✓
B8		61.2	-38.4	5.5	-0.51	1.02	1.56	✓
B9		60.6	-37.4	31.8	-1.03	0.03	1.18	✓
B10		71.5	-24.3	56.9	-1.04	0.50	1.61	✓
B11		84.4	-0.1	44.0	-0.34	0.04	0.51	✓
B12		71.6	19.3	38.0	-0.72	0.19	1.45	✓
B13		62.9	37.9	23.5	-0.85	0.12	1.17	✓
B14		63.3	38.2	0.9	-0.64	0.52	1.36	✓
B15		61.3	23.9	-16.3	-0.82	0.51	1.46	✓
B16		50.6	-0.9	-27.4	-1.13	0.74	1.66	✓
B17		71.9	-12.4	-16.3	-0.45	1.01	1.85	✓
B18		51.7	-18.8	4.9	-0.67	0.80	1.97	✓
B19		71.5	-21.0	19.8	-0.41	0.33	1.28	✓
B20		76.1	-15.9	35.3	-0.71	0.20	1.07	✓

Graubalance

Farbabweichung Δs : **0.99** (Feld A4)18% Grau / L*50: **52.2**

Farbton: Neutral

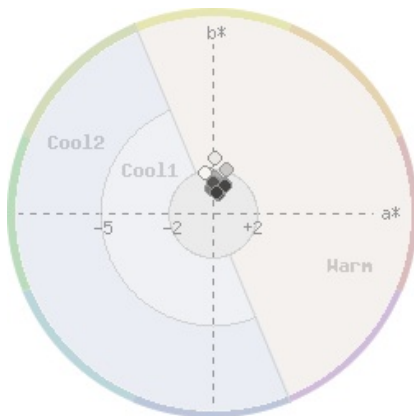
 $\Delta s \leq 2$ $48.9 < L^*_{A10} < 56.9$ $\Delta C^*_{ab}: 1.4$ 

(Digital FineArt 2010)

Tiefenzeichnung

Minimum ΔL : **2.15** D_{max} : 1.65Minimum L^* : 16.8 $\Delta L \Rightarrow 1$ 

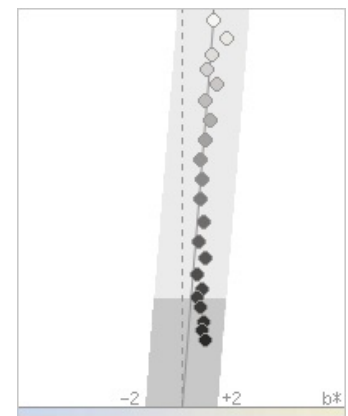
(Digital FineArt 2010)



Feld A1 - A16 / ab*-Diagramm



a*-Achse

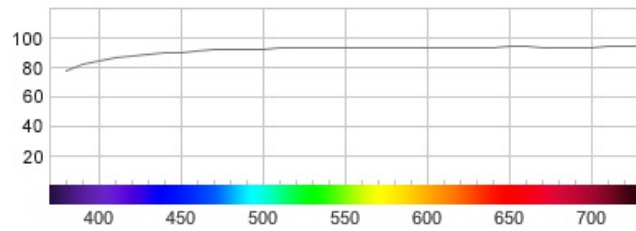


b*-Achse

Feld	Ref	Lab L*	Lab a*	Lab b*	Δs	$\Delta s \leq 2$
A1		92.4	0.1	2.4	0.81	✓
A2		88.1	-0.1	1.7	0.23	✓
A3		84.5	0.2	1.4	0.56	✓
A4		80.7	0.6	1.9	0.99	✓
A5		76.8	0.5	1.3	0.80	✓
A6		71.7	0.1	1.5	0.41	✓
A7		66.8	0.4	1.3	0.66	✓
A8		61.8	0.1	1.1	0.35	✓
A9		57.1	-0.0	1.1	0.18	✓
A10		52.2	-0.1	1.1	0.18	✓
A11		46.3	0.1	1.3	0.52	✓
A12		41.5	0.3	1.0	0.49	✓
A13		37.1	0.0	1.3	0.68	✓
A14		33.3	0.2	0.9	0.46	✓
A15		29.6	0.6	1.2	0.95	✓
A16		27.5	0.2	0.9	0.57	✓
Feld	Ref	Lab L*	Lab a*	Lab b*	Helligkeitsunterschied ΔL zum vorherigen Feld	$\Delta L \geq 1$
A17		25.0	0.6	1.0	2.48	✓
A18		21.3	0.4	1.2	3.67	✓
A19		19.2	0.5	1.1	2.15	✓
A20		16.8	0.5	1.3	2.39	✓

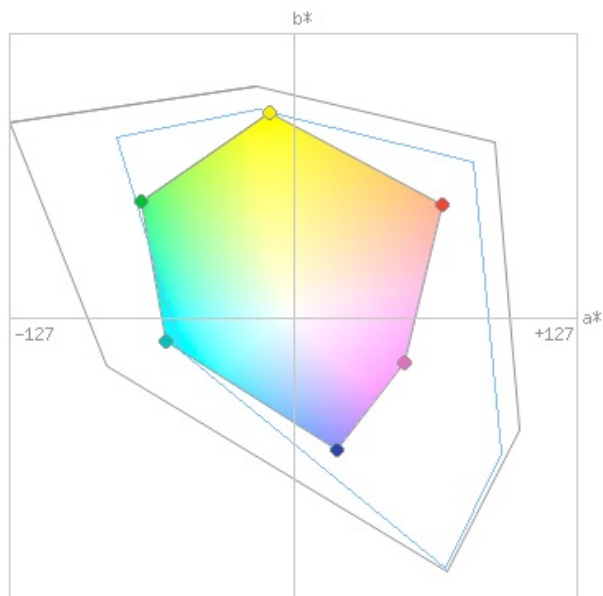
Papiereigenschaften

Papierweiss Lab*: 97.1 / -0.3 / 1.8 D50/2° (ISO 5631-3)
 Optische Aufheller: 0 (Keine) Angabe nur korrekt wenn ohne UV-Filter gemessen wurde
 CIE Whiteness: 84 D65/10° (ISO 11475)



Farbraum

Grösse: 82 CCU CCU = Cubic Colorcheck Units



Vergleich mit AdobeRGB (34%) sRGB (47%)

	Messwerte				Referenz			
Feld	Lab L*	Lab a*	Lab b*			Lab L*	Lab a*	Lab b*
A1	92.42	0.11	2.43			95.00	-0.32	1.75
A2	88.13	-0.07	1.71			90.00	-0.30	1.66
A3	84.49	0.24	1.38			85.00	-0.28	1.56
A4	80.70	0.62	1.91			80.00	-0.27	1.47
A5	76.78	0.54	1.29			75.00	-0.25	1.38
A6	71.74	0.09	1.53			70.00	-0.23	1.29
A7	66.83	0.44	1.28			65.00	-0.22	1.20
A8	61.84	0.14	1.07			60.00	-0.20	1.10
A9	57.11	-0.04	1.11			55.00	-0.18	1.01
A10	52.19	-0.06	1.06			50.00	-0.17	0.92
A11	46.27	0.15	1.25			45.00	-0.15	0.83
A12	41.45	0.29	0.98			40.00	-0.13	0.74
A13	37.11	0.00	1.31			35.00	-0.12	0.64
A14	33.26	0.24	0.86			30.00	-0.10	0.55
A15	29.57	0.55	1.17			25.00	-0.08	0.46
A16	27.48	0.16	0.90			20.00	-0.07	0.37
A17	24.99	0.63	1.04			15.00	-0.05	0.28
A18	21.32	0.39	1.23			10.00	-0.03	0.18
A19	19.17	0.48	1.14			5.00	-0.02	0.09
A20	16.78	0.46	1.33			0.00	-0.00	0.00
B1	83.91	3.01	77.60			85.00	3.00	82.00
B2	71.56	30.88	57.74			70.00	32.00	62.00
B3	52.08	56.19	33.19			52.00	60.00	38.00
B4	50.39	62.39	-3.86			50.00	67.00	-6.00
B5	45.14	40.15	-25.30			45.00	43.00	-28.00
B6	40.13	4.36	-39.20			40.00	5.00	-43.00
B7	58.22	-22.84	-25.19			57.00	-24.00	-28.00
B8	61.23	-38.41	5.48			60.00	-40.00	4.00
B9	60.65	-37.37	31.85			60.00	-40.00	34.00
B10	71.47	-24.31	56.91			70.00	-25.00	61.00
B11	84.41	-0.06	43.99			85.00	0.00	45.00
B12	71.62	19.27	37.97			70.00	20.00	40.00
B13	62.94	37.88	23.46			62.00	40.00	25.00
B14	63.28	38.24	0.90			62.00	40.00	0.00
B15	61.26	23.86	-16.25			60.00	25.00	-18.00
B16	50.58	-0.87	-27.40			50.00	0.00	-30.00
B17	71.93	-12.42	-16.28			70.00	-12.00	-18.00
B18	51.68	-18.76	4.87			50.00	-20.00	4.00
B19	71.52	-20.98	19.76			70.00	-22.00	20.00
B20	76.06	-15.89	35.32			75.00	-17.00	37.00

Gamut Messwerte								
Feld	Lab L*	Lab a*	Lab b*			RGB R	RGB G	RGB B
C1	56.91	66.59	50.45			255	0	0
C2	68.45	-67.85	52.26			0	255	0
C3	32.81	19.57	-59.00			0	0	255
C4	69.40	-57.27	-10.72			0	255	255
C5	62.98	50.03	-20.26			255	0	255
C6	93.18	-11.03	91.97			255	255	0
C7	97.08	-0.33	1.79			255	255	255
C8	58.78	-8.70	11.20			131	141	118
C9	29.87	0.33	-34.66			23	64	125
C10	37.24	36.60	-44.92			119	28	191
C11	54.66	-13.79	-50.01			57	139	224
C12	49.95	-43.42	32.24			64	132	20
C13	65.68	-72.67	31.91			33	207	115
C14	59.05	62.01	10.25			228	61	128
C15	35.51	40.95	10.25			126	26	59
C16	64.85	32.70	-28.04			190	128	232
C17	82.45	8.38	38.72			228	197	133
C18	72.59	36.91	72.42			255	154	35
C19	76.56	-53.43	69.88			147	235	39
C20	76.77	-56.43	9.83			123	235	190