

Dienstleister

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jam fineartprint
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Messung

Datei: Colorcheck_1327586726.txt
 Datum: 26.01.2012 15:05
 Info: jamTPM-01
 Messgerät: i1Pro
 Messbedingung: Spectral => D50/2°

Toleranz



Digital FineArt 2010 - Erfüllt

Colorcheck_1327586726 26.01.2012 15:05 / jamTPM-01			
QUICKCHECK / Digital FineArt 2010			
Farbmanagement			
Mittelwert ΔE_{00} :	2.91		(Digital FineArt 2010)
Maximal ΔE_{00} :	4.10 (Feld B3)		
Graubalance			
Max. Abweichung Δs :	1.73 (Feld A2)	$\Delta s \leq 2$	(Digital FineArt 2010)
Farbton:	Blau	$\text{Ø}C^*: 4.0$	
Tiefenzeichnung			
Tiefenzeichnung ΔL :	1.23	$\Delta L \geq 1$	(Digital FineArt 2010)
D_{max} :	1.58		
Papiereigenschaften			
Papierweiss Lab*:	96.1 / 2.0 / -8.2	D50/2° (ISO 5631-3)	
Farbraum:	80 CCU	CCU = Cubic Colorcheck Units	

Farbmanagement

Mittelwert ΔE_{00} :**2.91**

Mittlere Genauigkeit



(Digital FineArt 2010)

Maximal ΔE_{00} :**4.10** (Feld B3)

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		81.8	3.0	72.8	-2.05	0.23	2.98	✓
B2		68.1	30.0	52.9	-2.27	1.62	3.18	✓
B3		52.0	54.9	28.1	-2.36	3.35	4.10	✓
B4		49.7	61.3	-8.7	-1.38	1.43	2.02	✓
B5		44.9	38.5	-28.1	-1.12	1.42	1.82	✓
B6		40.4	6.4	-41.1	-0.57	1.22	1.59	✓
B7		55.6	-19.7	-28.9	-0.75	2.17	2.66	✓
B8		58.4	-35.1	1.9	-1.89	1.07	2.59	✓
B9		58.4	-36.2	28.9	-1.92	0.74	2.49	✓
B10		67.4	-24.2	53.1	-1.99	1.26	3.11	✓
B11		81.7	1.3	38.1	-2.40	1.07	3.43	✓
B12		67.5	18.5	33.9	-2.13	1.11	3.09	✓
B13		60.0	38.3	18.5	-1.54	3.11	3.89	✓
B14		60.1	39.1	-4.7	-0.24	2.94	3.37	✓
B15		57.8	24.5	-21.5	0.68	2.04	2.93	✓
B16		48.6	1.8	-30.5	0.23	1.41	1.96	✓
B17		67.0	-9.6	-20.9	0.39	2.61	3.51	✓
B18		49.4	-17.4	1.9	-1.69	1.22	2.16	✓
B19		66.4	-20.6	15.9	-1.59	1.43	3.56	✓
B20		71.2	-15.6	30.8	-2.29	0.90	3.75	✓

Graubalance

Max. Abweichung Δs : **1.73** (Feld A2) $\Delta s \leq 2$

Farbton:

Blau

 $\varnothing C^*$: 4.0

(Digital FineArt 2010)

Tiefenzeichnung

Tiefenzeichnung ΔL : **1.23** $\Delta L \geq 1$ D_{max}:

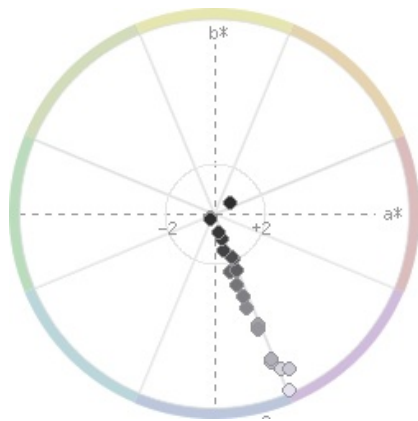
1.58

Minimal L*:

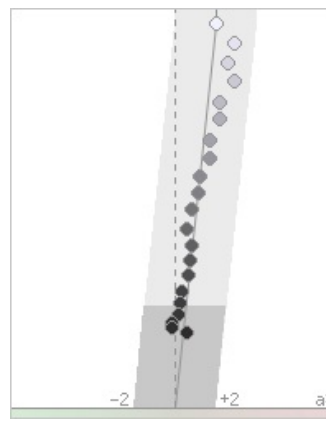
18.6



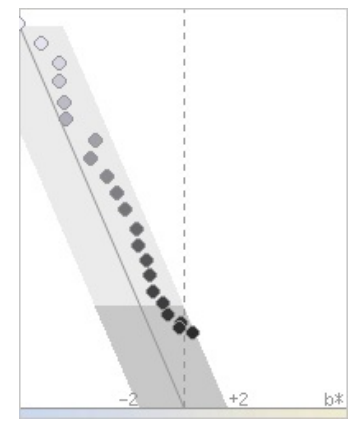
(Digital FineArt 2010)



Feld A1 - A20 / ab*-Diagramm



a*-Achse

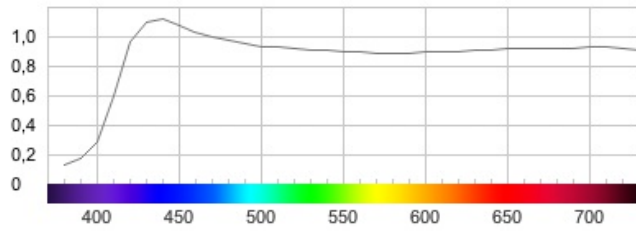


b*-Achse

Feld	Ref	Lab L*	Lab a*	Lab b*	Relativer Farbstich Δs	$\Delta s \leq 2$
A1		91.0	2.9	-6.9	1.48	✓
A2		86.1	2.6	-6.1	1.73	✓
A3		81.7	2.9	-6.1	1.56	✓
A4		76.4	2.2	-5.8	1.15	✓
A5		72.1	2.2	-5.7	0.91	✓
A6		66.9	1.7	-4.3	1.66	✓
A7		62.4	1.7	-4.5	1.03	✓
A8		58.0	1.3	-3.7	1.39	✓
A9		53.8	1.1	-3.2	1.44	✓
A10		49.7	0.9	-2.8	1.45	✓
A11		44.8	0.6	-2.3	1.59	✓
A12		40.7	0.9	-2.2	1.20	✓
A13		36.9	0.7	-1.8	1.19	✓
A14		33.2	0.7	-1.7	0.88	✓
A15		28.9	0.4	-1.5	0.68	✓
A16		26.2	0.3	-1.0	0.73	✓
Feld	Ref	Lab L*	Lab a*	Lab b*	Helligkeitsunterschied ΔL zum vorherigen Feld	$\Delta L \geq 1$
A17		23.4	0.2	-0.7	2.81	✓
A18		21.1	-0.2	-0.1	2.27	✓
A19		19.8	-0.1	-0.2	1.26	✓
A20		18.6	0.6	0.4	1.23	✓

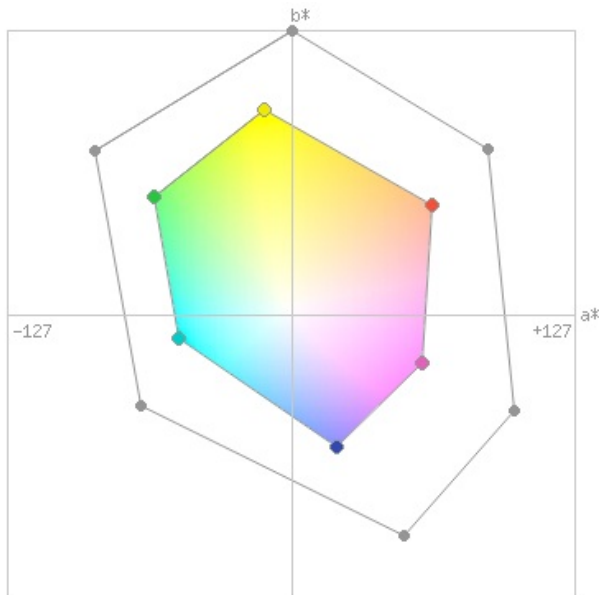
Papiereigenschaften

Papierweiss Lab*: 96.1 / 2.0 / -8.2 D50/2° (ISO 5631-3)
CIE Whiteness: 125 D65/10° (ISO 11475)
Optische Aufheller: Enthalten (Angabe nur korrekt wenn ohne UV-Filter gemessen wurde)











































Farbraum

Grösse: 80 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	91.00	2.91	-6.89		91.00	2.02	-8.06
A2	86.09	2.61	-6.06		86.09	1.91	-7.64
A3	81.69	2.88	-6.08		81.69	1.81	-7.21
A4	76.39	2.21	-5.76		76.39	1.70	-6.79
A5	72.14	2.20	-5.69		72.14	1.59	-6.37
A6	66.93	1.70	-4.29		66.93	1.49	-5.94
A7	62.39	1.71	-4.54		62.39	1.38	-5.52
A8	58.00	1.26	-3.71		58.00	1.27	-5.09
A9	53.77	1.12	-3.23		53.77	1.17	-4.67
A10	49.72	0.86	-2.81		49.72	1.06	-4.24
A11	44.81	0.61	-2.27		44.81	0.96	-3.82
A12	40.72	0.86	-2.19		40.72	0.85	-3.40
A13	36.89	0.74	-1.78		36.89	0.74	-2.97
A14	33.19	0.66	-1.66		33.19	0.64	-2.55
A15	28.89	0.35	-1.46		28.89	0.53	-2.12
A16	26.17	0.29	-0.98		26.17	0.42	-1.70
A17	23.35	0.18	-0.75		23.35	0.32	-1.27
A18	21.08	-0.15	-0.13		21.08	0.21	-0.85
A19	19.82	-0.15	-0.20		19.82	0.11	-0.42
A20	18.59	0.62	0.43		18.59	0.00	-0.00
B1	81.78	3.03	72.81		85.00	3.00	82.00
B2	68.06	30.04	52.91		70.00	32.00	62.00
B3	52.05	54.85	28.07		52.00	60.00	38.00
B4	49.67	61.25	-8.74		50.00	67.00	-6.00
B5	44.93	38.53	-28.13		45.00	43.00	-28.00
B6	40.38	6.37	-41.15		40.00	5.00	-43.00
B7	55.59	-19.70	-28.92		57.00	-24.00	-28.00
B8	58.40	-35.08	1.92		60.00	-40.00	4.00
B9	58.43	-36.17	28.90		60.00	-40.00	34.00
B10	67.41	-24.20	53.13		70.00	-25.00	61.00
B11	81.72	1.35	38.08		85.00	0.00	45.00
B12	67.53	18.51	33.85		70.00	20.00	40.00
B13	59.97	38.28	18.52		62.00	40.00	25.00
B14	60.12	39.07	-4.69		62.00	40.00	0.00
B15	57.77	24.45	-21.48		60.00	25.00	-18.00
B16	48.57	1.76	-30.48		50.00	0.00	-30.00
B17	67.04	-9.61	-20.95		70.00	-12.00	-18.00
B18	49.43	-17.45	1.89		50.00	-20.00	4.00
B19	66.41	-20.61	15.92		70.00	-22.00	20.00
B20	71.20	-15.58	30.82		75.00	-17.00	37.00

Gamut Messwerte								
Feld	Lab L*	Lab a*	Lab b*			RGB R	RGB G	RGB B
C1	58.43	63.09	49.01			255	0	0
C2	71.29	-61.18	52.59			0	255	0
C3	34.59	20.01	-59.58			0	0	255
C4	74.52	-50.19	-10.48			0	255	255
C5	60.42	58.46	-21.82			255	0	255
C6	91.08	-12.49	91.82			255	255	0
C7	96.11	2.04	-8.16			255	255	255
C8	56.49	-7.79	6.89			131	141	118
C9	30.06	1.64	-35.80			23	64	125
C10	38.16	37.03	-48.43			119	28	191
C11	52.18	-7.67	-54.83			57	139	224
C12	50.25	-45.31	32.72			64	132	20
C13	65.91	-67.76	30.01			33	207	115
C14	56.85	64.03	4.36			228	61	128
C15	37.01	40.45	7.35			126	26	59
C16	61.28	39.67	-33.65			190	128	232
C17	78.79	9.85	32.30			228	197	133
C18	71.40	35.80	68.96			255	154	35
C19	76.94	-51.31	63.74			147	235	39
C20	76.11	-53.53	4.65			123	235	190