Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.451$ $u^*_E = g00b$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_E = g00b$ $u^*_d = l12c$

contrast reduction factor: $c^*_{lg} = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 56 −58 19 $LAB^*LCH^*_{Ma}$: 56 61 162 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0 $lab^*olv^*_{Ma}$: 0.0 1.0 0.12

ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$
O_{Ma}	46.89	66.19	40.28	77.48	31	
Y_{Ma}	88.66	−9.62	88.21	88.73	96	
L_{Ma}	54.22	−65.29	33.87	73.56	153	
C_{Ma}	61.43	−30.53	−42.04	51.96	234	
V_{Ma}	25.93	25.95	−47.37	54.01	299	
M_{Ma}	47.92	73.53	−9.02	74.08	353	
N_{Ma}	20.41	0.0	0.0	0.0	0	
W_{Ma}	94.64	0.0	0.0	0.0	0	
R_{Ma}	39.92	58.74	27.99	65.07	25	
J_{Ma}	81.26	−2.89	71.56	71.62	92	
G_{Ma}	52.23	−42.42	13.6	44.55	162	
B_{Ma}	30.57	1.41	−46.47	46.49	272	

ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	m84o	
r25j	53.95	53.38	48.38	72.04	42	o17y	
r50j	63.6	35.87	59.45	69.43	59	o42y	
r75j	73.37	18.14	70.66	72.95	76	o68y	
r00y	85.24	−3.4	84.28	84.35	92	o93y	
r25g	78.53	−25.99	72.23	76.76	110	y24l	
r50g	68.25	−42.61	56.0	70.37	127	y55l	
r75g	58.73	−57.99	40.99	71.02	145	y85l	
g00b	55.66	−58.35	18.71	61.27	162	l12c	
g25b	58.18	−46.2	−7.82	46.86	190	l45c	
g50b	60.08	−37.02	−27.87	46.34	217	l78c	
g75b	55.21	−20.63	−42.98	47.67	244	c16v	
b00r	41.38	1.37	−45.05	45.07	272	c58v	
b25r	26.43	27.03	−46.5	53.78	300	v03m	
b50r	36.22	48.22	−29.42	56.48	329	v54m	
b75r	47.81	72.75	−3.76	72.85	357	m10o	

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.527$ $u^*_E = g25b$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_E = g25b$ $u^*_d = l45c$

contrast reduction factor: $c^*_{lg} = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 58 −46 −8 $LAB^*LCH^*_{Ma}$: 58 47 189 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.5 $lab^*olv^*_{Ma}$: 0.0 1.0 0.45

ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$
O_{Ma}	46.89	66.19	40.28	77.48	31	
Y_{Ma}	88.66	−9.62	88.21	88.73	96	
L_{Ma}	54.22	−65.29	33.87	73.56	153	
C_{Ma}	61.43	−30.53	−42.04	51.96	234	
V_{Ma}	25.93	25.95	−47.37	54.01	299	
M_{Ma}	47.92	73.53	−9.02	74.08	353	
N_{Ma}	20.41	0.0	0.0	0.0	0	
W_{Ma}	94.64	0.0	0.0	0.0	0	
R_{Ma}	39.92	58.74	27.99	65.07	25	
J_{Ma}	81.26	−2.89	71.56	71.62	92	
G_{Ma}	52.23	−42.42	13.6	44.55	162	
B_{Ma}	30.57	1.41	−46.47	46.49	272	

ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	m84o	
r25j	53.95	53.38	48.38	72.04	42	o17y	
r50j	63.6	35.87	59.45	69.43	59	o42y	
r75j	73.37	18.14	70.66	72.95	76	o68y	
r00y	85.24	−3.4	84.28	84.35	92	o93y	
r25g	78.53	−25.99	72.23	76.76	110	y24l	
r50g	68.25	−42.61	56.0	70.37	127	y55l	
r75g	58.73	−57.99	40.99	71.02	145	y85l	
g00b	55.66	−58.35	18.71	61.27	162	l12c	
g25b	58.18	−46.2	−7.82	46.86	190	l45c	
g50b	60.08	−37.02	−27.87	46.34	217	l78c	
g75b	55.21	−20.63	−42.98	47.67	244	c16v	
b00r	41.38	1.37	−45.05	45.07	272	c58v	
b25r	26.43	27.03	−46.5	53.78	300	v03m	
b50r	36.22	48.22	−29.42	56.48	329	v54m	
b75r	47.81	72.75	−3.76	72.85	357	m10o	

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.603$ $u^*_E = g50b$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_E = g50b$ $u^*_d = l78c$

contrast reduction factor: $c^*_{lg} = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 60 −37 −28 $LAB^*LCH^*_{Ma}$: 60 46 216 $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0 $lab^*olv^*_{Ma}$: 0.0 1.0 0.79

ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$
O_{Ma}	46.89	66.19	40.28	77.48	31	
Y_{Ma}	88.66	−9.62	88.21	88.73	96	
L_{Ma}	54.22	−65.29	33.87	73.56	153	
C_{Ma}	61.43	−30.53	−42.04	51.96	234	
V_{Ma}	25.93	25.95	−47.37	54.01	299	
M_{Ma}	47.92	73.53	−9.02	74.08	353	
N_{Ma}	20.41	0.0	0.0	0.0	0	
W_{Ma}	94.64	0.0	0.0	0.0	0	
R_{Ma}	39.92	58.74	27.99	65.07	25	
J_{Ma}	81.26	−2.89	71.56	71.62	92	
G_{Ma}	52.23	−42.42	13.6	44.55	162	
B_{Ma}	30.57	1.41	−46.47	46.49	272	

ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	m84o	
r25j	53.95	53.38	48.38	72.04	42	o17y	
r50j	63.6	35.87	59.45	69.43	59	o42y	
r75j	73.37	18.14	70.66	72.95	76	o68y	
r00y	85.24	−3.4	84.28	84.35	92	o93y	
r25g	78.53	−25.99	72.23	76.76	110	y24l	
r50g	68.25	−42.61	56.0	70.37	127	y55l	
r75g	58.73	−57.99	40.99	71.02	145	y85l	
g00b	55.66	−58.35	18.71	61.27	162	l12c	
g25b	58.18	−46.2	−7.82	46.86	190	l45c	
g50b	60.08	−37.02	−27.87	46.34	217	l78c	
g75b	55.21	−20.63	−42.98	47.67	244	c16v	
b00r	41.38	1.37	−45.05	45.07	272	c58v	
b25r	26.43	27.03	−46.5	53.78	300	v03m	
b50r	36.22	48.22	−29.42	56.48	329	v54m	
b75r	47.81	72.75	−3.76	72.85	357	m10o	

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.679$ $u^*_E = g75b$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_E = g75b$ $u^*_d = c16v$

contrast reduction factor: $c^*_{lg} = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 55 −21 −43 $LAB^*LCH^*_{Ma}$: 55 48 244 $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0 $lab^*olv^*_{Ma}$: 0.0 0.84 1.0

ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$
O_{Ma}	46.89	66.19	40.28	77.48	31	
Y_{Ma}	88.66	−9.62	88.21	88.73	96	
L_{Ma}	54.22	−65.29	33.87	73.56	153	
C_{Ma}	61.43	−30.53	−42.04	51.96	234	
V_{Ma}	25.93	25.95	−47.37	54.01	299	
M_{Ma}	47.92	73.53	−9.02	74.08	353	
N_{Ma}	20.41	0.0	0.0	0.0	0	
W_{Ma}	94.64	0.0	0.0	0.0	0	
R_{Ma}	39.92	58.74	27.99	65.07	25	
J_{Ma}	81.26	−2.89	71.56	71.62	92	
G_{Ma}	52.23	−42.42	13.6	44.55	162	
B_{Ma}	30.57	1.41	−46.47	46.49	272	

ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	m84o	
r25j	53.95	53.38	48.38	72.04	42	o17y	
r50j	63.6	35.87	59.45	69.43	59	o42y	
r75j	73.37	18.14	70.66	72.95	76	o68y	
r00y	85.24	−3.4	84.28	84.35	92	o93y	
r25g	78.53	−25.99	72.23	76.76	110	y24l	
r50g	68.25	−42.61	56.0	70.37	127	y55l	
r75g	58.73	−57.99	40.99	71.02	145	y85l	
g00b	55.66	−58.35	18.71	61.27	162	l12c	
g25b	58.18	−46.2	−7.82	46.86	190	l45c	
g50b	60.08	−37.02	−27.87	46.34	217	l78c	
g75b	55.21	−20.63	−42.98	47.67	244	c16v	
b00r	41.38	1.37	−45.05	45.07	272	c58v	
b25r	26.43	27.03	−46.5	53.78	300	v03m	
b50r	36.22	48.22	−29.42	56.48	329	v54m	
b75r	47.81	72.75	−3.76	72.85	357	m10o	

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.755$ $u^*_E = b00r$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_E = b00r$ $u^*_d = c58v$

contrast reduction factor: $c^*_{lg} = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 41 1 −45 $LAB^*LCH^*_{Ma}$: 41 45 271 $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0 $lab^*olv^*_{Ma}$: 0.0 0.42 1.0

ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$
O_{Ma}	46.89	66.19	40.28	77.48	31	
Y_{Ma}	88.66	−9.62	88.21	88.73	96	
L_{Ma}	54.22	−65.29	33.87	73.56	153	
C_{Ma}	61.43	−30.53	−42.04	51.96	234	
V_{Ma}	25.93	25.95	−47.37	54.01	299	
M_{Ma}	47.92	73.53	−9.02	74.08	353	
N_{Ma}	20.41	0.0	0.0	0.0	0	
W_{Ma}	94.64	0.0	0.0	0.0	0	
R_{Ma}	39.92	58.74	27.99	65.07	25	
J_{Ma}	81.26	−2.89	71.56	71.62	92	
G_{Ma}	52.23	−42.42	13.6	44.55	162	
B_{Ma}	30.57	1.41	−46.47	46.49	272	

ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	m84o	
r25j	53.95	53.38	48.38	72.04	42	o17y	
r50j	63.6	35.87	59.45	69.43	59	o42y	
r75j	73.37	18.14	70.66	72.95	76	o68y	
r00y	85.24	−3.4	84.28	84.35	92	o93y	
r25g	78.53	−25.99	72.23	76.76	110	y24l	
r50g	68.25	−42.61	56.0	70.37	127	y55l	
r75g	58.73	−57.99	40.99	71.02	145	y85l	
g00b	55.66	−58.35	18.71	61.27	162	l12c	
g25b	58.18	−46.2	−7.82	46.86	190	l45c	
g50b	60.08	−37.02	−27.87	46.34	217	l78c	
g75b	55.21	−20.63	−42.98	47.67	244	c16v	
b00r	41.38	1.37	−45.05	45.07	272	c58v	
b25r	26.43	27.03	−46.5	53.78	300	v03m	
b50r	36.22	48.22	−29.42	56.48	329	v54m	
b75r	47.81	72.75	−3.76	72.85	357	m10o	

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.834$ $u^*_E = b25r$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_E = b25r$ $u^*_d = v03m$

contrast reduction factor: $c^*_{lg} = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 26 27 −46 $LAB^*LCH^*_{Ma}$: 26 54 300 $lab^*rgb^*_{Ma}$: 0.5 0.0 1.0 $lab^*olv^*_{Ma}$: 0.03 0.0 1.0

ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$
O_{Ma}	46.89	66.19	40.28	77.48	31	
Y_{Ma}	88.66	−9.62	88.21	88.73	96	
L_{Ma}	54.22	−65.29	33.87	73.56	153	
C_{Ma}	61.43	−30.53	−42.04	51.96	234	
V_{Ma}	25.93	25.95	−47.37	54.01	299	
M_{Ma}	47.92	73.53	−9.02	74.08	353	
N_{Ma}	20.41	0.0	0.0	0.0	0	
W_{Ma}	94.64	0.0	0.0	0.0	0	
R_{Ma}	39.92	58.74	27.99	65.07	25	
J_{Ma}	81.26	−2.89	71.56	71.62	92	
G_{Ma}	52.23	−42.42	13.6	44.55	162	
B_{Ma}	30.57	1.41	−46.47	46.49	272	

ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	m84o	
r25j	53.95	53.38	48.38	72.04	42	o17y	
r50j	63.6	35.87	59.45	69.43	59	o42y	
r75j	73.37	18.14	70.66	72.95	76	o68y	
r00y	85.24	−3.4	84.28	84.35	92	o93y	
r25g	78.53	−25.99	72.23	76.76	110	y24l	
r50g	68.25	−42.61	56.0	70.37	127	y55l	
r75g	58.73	−57.99	40.99	71.02	145	y85l	
g00b	55.66	−58.35	18.71	61.27	162	l12c	
g25b	58.18	−46.2	−7.82	46.86	190	l45c	
g50b	60.08	−37.02	−27.87	46.34	217	l78c	
g75b	55.21	−20.63	−42.98	47.67	244	c16v	
b00r	41.38	1.37	−45.05	45.07	272	c58v	
b25r	26.43	27.03	−46.5	53.78	300	v03m	
b50r	36.22	48.22	−29.42	56.48	329	v54m	
b75r	47.81	72.75	−3.76	72.85	357	m10o	

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.913$ $u^*_E = b50r$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_E = b50r$ $u^*_d = v54m$

contrast reduction factor: $c^*_{lg} = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 36 48 −29 $LAB^*LCH^*_{Ma}$: 36 56 328 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0 $lab^*olv^*_{Ma}$: 0.55 0.0 1.0

ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$
O_{Ma}	46.89	66.19	40.28	77.48	31	
Y_{Ma}	88.66	−9.62	88.21	88.73	96	
L_{Ma}	54.22	−65.29	33.87	73.56	153	
C_{Ma}	61.43	−30.53	−42.04	51.96	234	
V_{Ma}	25.93	25.95	−47.37	54.01	299	
M_{Ma}	47.92	73.53	−9.02	74.08	353	
N_{Ma}	20.41	0.0	0.0	0.0	0	
W_{Ma}	94.64	0.0	0.0	0.0	0	
R_{Ma}	39.92	58.74	27.99	65.07	25	
J_{Ma}	81.26	−2.89	71.56	71.62	92	
G_{Ma}	52.23	−42.42	13.6	44.55	162	
B_{Ma}	30.57	1.41	−46.47	46.49	272	

ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	m84o	
r25j	53.95	53.38	48.38	72.04	42	o17y	
r50j	63.6	35.87	59.45	69.43	59	o42y	
r75j	73.37	18.14	70.66	72.95	76	o68y	
r00y	85.24	−3.4	84.28	84.35	92	o93y	
r25g	78.53	−25.99	72.23	76.76	110	y24l	
r50g	68.25	−42.61	56.0	70.37	127	y55l	
r75g	58.73	−57.99	40.99	71.02	145	y85l	
g00b	55.66	−58.35	18.71	61.27	162	l12c	
g25b	58.18	−46.2	−7.82	46.86	190	l45c	
g50b	60.08	−37.02	−27.87	46.34	217	l78c	
g75b	55.21	−20.63	−42.98	47.67	244	c16v	
b00r	41.38	1.37	−45.05	45.07	272	c58v	
b25r	26.43	27.03	−46.5	53.78	300	v03m	
b50r	36.22	48.22	−29.42	56.48	329	v54m	
b75r	47.81	72.75	−3.76	72.85	357	m10o	

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.992$ $u^*_E = b75r$

data for any colour: lab^*tch^* and lab^*icu^*

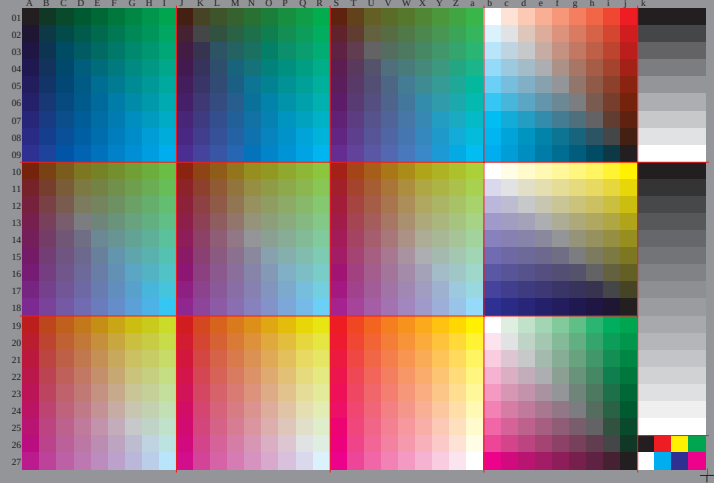
Hue texts: $u^*_E = b75r$ $u^*_d = m10o$

contrast reduction factor: $c^*_{lg} = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 48 73 −4 $LAB^*LCH^*_{Ma}$: 48 73 357 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.5 $lab^*olv^*_{Ma}$: 1.0 0.0 0.89

ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$
O_{Ma}	46.89	66.19	40.28	77.48	31	
Y_{Ma}	88.66	−9.62	88.21	88.73	96	
L_{Ma}	54.22	−65.29	33.87	73.56	153	
C_{Ma}	61.43	−30.53	−42.04	51.96	234	
V_{Ma}	25.93	25.95	−47.37	54.01	299	
M_{Ma}	47.92	73.53	−9.02	74.08	353	
N_{Ma}	20.41	0.0	0.0	0.0	0	
W_{Ma}	94.64	0.0	0.0	0.0	0	
R_{Ma}	39.92	58.74	27.99	65.07	25	
J_{Ma}	81.26	−2.89	71.56	71.62	92	
G_{Ma}	52.23	−42.42	13.6	44.55	162	
B_{Ma}	30.57	1.41	−46.47	46.49	272	

ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	m84o	
r25j	53.95	53.38	48.38	72.04	42	o17y	
r50j	63.6	35.87	59.45	69.43	59	o42y	
r75j	73.37	18.14	70.66	72.95	76	o68y	
r00y	85.24	−3.4	84.28	84.35	92	o93y	
r25g	78.53	−25.99	72.23	76.76	110	y24l	
r50g	68.25	−42.61	56.0	70.37	127	y55l	
r75g	58.73	−57.99	40.99	71.02	145	y85l	
g00b	55.66	−58.35	18.71	61.27	162	l12c	
g25b	58.18	−46.2	−7.82	46.86	190	l45c	
g50b	60.08	−37.02	−27.87	46.34	217	l78c	
g75b	55.21	−20.63	−42.98	47.67	244	c16v	
b00r	41.38	1.37	−45.05	45.07	272	c58v	
b25r	26.43	27.03	−46.5	53.78	300	v03m	
b50r	36.22	48.22	−29.42	56.48	329	v54m	
b75r	47.81	72.75	−3.76	72.85	357	m10o