

Converting Colors

CIELCh(55, 48.798, 1.950)

Have a look what the booklet for
CIELCh(55, 48.798, 1.950) contains.

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Color

CIELCh(55, 48.766, 1.895)

Conversions

Conversions Part 1

Format	Color
Hex	D05E83
RGB	208, 94, 131
RGB Percent	82%, 37%, 51%
CMY	0.1858, 0.6327, 0.4876
CMYK	0.00, 0.55, 0.37, 0.19
HSL	341°, 55%, 59%
HSV	341°, 55%, 81%
XYZ	33.9534, 22.9298, 23.9930
YIQ	132.3040, 56.0670, 35.6750

Conversions

Conversions Part 2

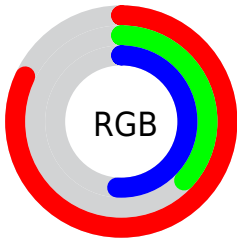
Format	Color
R_{YB}	208, 94, 131
Decimal	13655683
CIE _{Lab}	55.00, 48.74, 1.61
CIE _{LCh}	55, 48.766, 1.895
Yxy	22.9298, 0.4198, 0.2835
Android (android.graphics.Color)	4291845763 (0xFFD05E83)
YUV	132.3040, -0.6429, 66.3854
Hunter-Lab	47.8851, 42.7681, 3.8122

Details

The CIELCh color **55, 48.766, 1.895** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **76, 42.136, 168.138**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 44.382, 358.626**, and **35, 48.953, 1.701** is the 20% darker color. If you saturate the color by 10%, you get **51, 56.717, 4.416**, and if you desaturate by 10%, it is **59, 40.045, 359.882**.

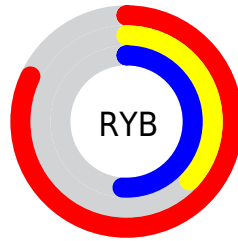
Distribution



Red (82%)

Green (37%)

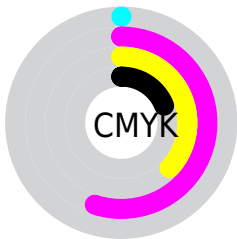
Blue (51%)



Red (82%)

Yellow (37%)

Blue (51%)

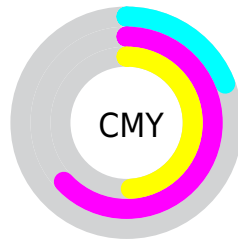


Cyan (0%)

Magenta (55%)

Yellow (37%)

Black (19%)



Cyan (19%)

Magenta (63%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 48.766, 1.895 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 55, 48.766, 1.895 by changing the saturation by 10% instead.

 55, 48.766, 1.895

 55, 48.766, 1.895

 100, 48.766, 1.895

 45, 48.766, 1.895

 75, 48.766, 1.895

 35, 48.766, 1.895

 85, 48.766, 1.895

 25, 48.766, 1.895

 95, 48.766, 1.895

 15, 48.766, 1.895


 5, 48.766, 1.895

 0, 48.766, 1.895

 55, 48.766, 1.895

 55, 48.766, 1.895

 51, 56.717, 4.416

 59, 40.045,
359.882

 48, 63.490, 7.607

46, 68.795, 11.641

64, 30.963,
358.238

44, 72.670, 16.609

70, 21.826,
356.865

44, 74.439, 19.333

75, 12.842,
355.686

81, 4.138, 354.600

86, 4.226, 173.944

92, 12.228,
173.080

97, 17.387,
177.283

97, 15.745,
198.458

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55, 48.766, 1.895



76, 42.136, 168.138

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55, 48.766, 1.895



55, 48.766, 51.895



55, 48.766, 181.895



55, 48.766, 231.895

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55, 48.763, 1.897



89, 16.346, 355.831



53, 68.457, 316.936



46, 11.076, 356.068



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55, 48.763, 1.897



62, 67.845, 4.965



58, 44.700, 37.456



41, 4.873, 355.095



35, 63.412, 18.413



4, 20.595, 4.288

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55, 48.763, 1.897



62, 67.845, 4.965



72, 29.053, 218.578



41, 4.873, 355.095



35, 63.412, 18.413



4, 20.595, 4.288

Previews

White Background



This preview shows how the CIELCh color 55, 48.766, 1.895 looks on a white background.

Color Contrast Check

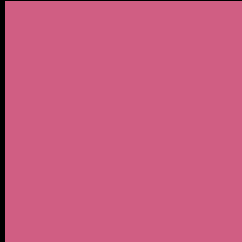
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 55, 48.766, 1.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

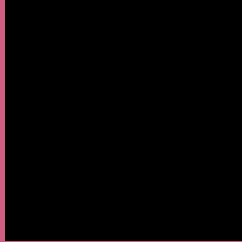
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 48.766, 1.895

Background



This preview shows how black text looks on a background with the CIELCh color 55, 48.766, 1.895.



This preview shows how white text looks on a background with the CIELCh color 55, 48.766, 1.895.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55, 48.766, 1.895

Protanopia

55, 12.664, 286.712

Deuteranopia

55, 7.976, 32.521



Tritanopia
55, 46.081, 21.493

Trichromacy



Original Color
55, 48.766, 1.895

Protanomaly
54, 22.340, 336.055

Deuteranomaly
55, 22.598, 6.154

Tritanomaly
55, 46.561, 14.392

Monochromacy



Original Color
55, 48.766, 1.895

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 18.346, 355.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 48.766, 1.895 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(208, 94, 131)` looks like.

```
.text, #text, p{  
    color:rgb(208, 94, 131)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 94, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 94, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 48.766, 1.895 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 94, 131) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(208, 94, 131) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(208, 94, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 94, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 94, 131);  
box-shadow:4px 4px 4px 4px rgb(208, 94,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 48.766, 1.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 94, 131) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208, 94,  
131) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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