

Converting Colors

CIELCh(55, 48.682, 1.732)

Have a look what the booklet for
CIELCh(55, 48.682, 1.732) contains.

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Color

CIELCh(55, 48.425, 1.630)

Conversions

Conversions Part 1

Format	Color
Hex	CF5E83
RGB	207, 94, 131
RGB Percent	81%, 37%, 51%
CMY	0.1880, 0.6311, 0.4861
CMYK	0.00, 0.55, 0.37, 0.19
HSL	340°, 54%, 59%
HSV	340°, 55%, 81%
XYZ	33.8576, 22.9298, 24.1333
YIQ	132.0050, 55.4710, 35.4630

Conversions

Conversions Part 2

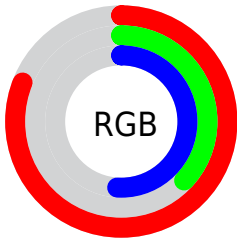
Format	Color
R_{YB}	207, 94, 131
Decimal	13590147
CIE _{Lab}	55.00, 48.41, 1.38
CIE _{LCh}	55, 48.425, 1.630
Yxy	22.9298, 0.4184, 0.2834
Android (android.graphics.Color)	4291780227 (0xFFCF5E83)
YUV	132.0050, -0.4955, 65.7706
Hunter-Lab	47.8851, 42.4111, 3.6384

Details

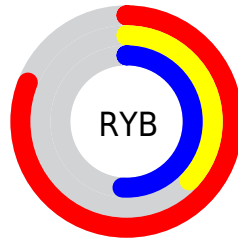
The CIELCh color **55, 48.425, 1.630** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **76, 41.942, 168.005**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 44.382, 358.626**, and **35, 48.280, 1.601** is the 20% darker color. If you saturate the color by 10%, you get **51, 56.381, 4.123**, and if you desaturate by 10%, it is **59, 39.709, 359.638**.

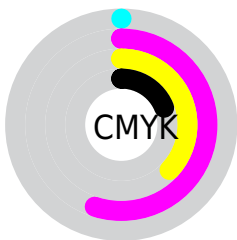
Distribution



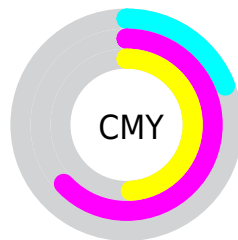
- Red (81%)
- Green (37%)
- Blue (51%)



- Red (81%)
- 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, 48.425, 1.630 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, 48.425, 1.630 by changing the saturation by 10% instead.

 55, 48.425, 1.630  55, 48.425, 1.630

 100, 48.425, 1.630  45, 48.425, 1.630

 75, 48.425, 1.630  35, 48.425, 1.630

 85, 48.425, 1.630  25, 48.425, 1.630

 95, 48.425, 1.630  15, 48.425, 1.630

 5, 48.425, 1.630

 0, 48.425, 1.630

 55, 48.425, 1.630  55, 48.425, 1.630

 51, 56.381, 4.123  59, 39.709,
359.638

 48, 63.166, 7.277

46, 68.483, 11.267

64, 30.639,
358.008

44, 72.355, 16.192

70, 21.518,
356.645

44, 74.202, 19.079

75, 12.553,
355.474

81, 3.867, 354.386

86, 4.480, 173.736

92, 12.466,
172.881

97, 17.633,
176.941

97, 15.920,
198.447

Harmonies

Complementary

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



55, 48.425, 1.630



76, 41.942, 168.005

Rectangle

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



55, 48.425, 1.630



55, 48.425, 51.630



55, 48.425, 181.630



55, 48.425, 231.630

Sweetspot

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



55, 48.422, 1.632



89, 16.367, 355.654



53, 67.937, 316.926



46, 11.090, 355.890



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, 48.422, 1.632



62, 67.009, 4.466



58, 44.294, 37.426



41, 4.880, 354.919



35, 63.347, 18.171



4, 20.606, 4.151

Inverse Universe

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



55, 48.422, 1.632



62, 67.009, 4.466



72, 28.878, 218.540



41, 4.880, 354.919



35, 63.347, 18.171



4, 20.606, 4.151

Previews

White Background



This preview shows how the CIELCh color 55, 48.425, 1.630 looks on a white background.

Color Contrast Check

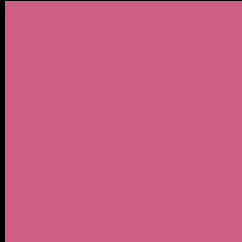
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 55, 48.425, 1.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

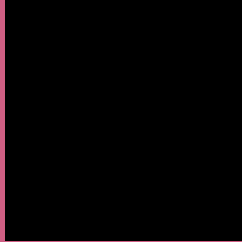
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 48.425, 1.630

Background



This preview shows how black text looks on a background with the CIELCh color 55, 48.425, 1.630.



This preview shows how white text looks on a background with the CIELCh color 55, 48.425, 1.630.

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, 48.425, 1.630

Protanopia

55, 12.664, 286.712

Deuteranopia

55, 7.849, 28.507



Tritanopia
55, 45.550, 20.701

Trichromacy



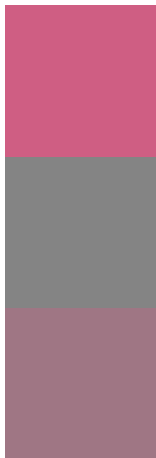
Original Color
55, 48.425, 1.630

Protanomaly
54, 21.664, 336.335

Deuteranomaly
55, 22.697, 4.745

Tritanomaly
55, 46.129, 13.525

Monochromacy



Original Color
55, 48.425, 1.630

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, 48.425, 1.630 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(207, 94, 131)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 94, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 94, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 48.425, 1.630 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(207, 94, 131) }
```

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

```
.border{ border-color:rgb(207, 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(207, 94, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 94, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 94, 131);  
box-shadow:4px 4px 4px 4px rgb(207, 94,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 48.425, 1.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 94, 131) }
```

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

```
.background{ background-color: rgb(207, 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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