

Converting Colors

CIELCh(51, 56.842, 3.780)

Have a look what the booklet for
CIELCh(51, 56.842, 3.780) contains.

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Color

CIELCh(51, 56.890, 3.843)

Conversions

Conversions Part 1

Format	Color
Hex	CF4875
RGB	207, 72, 117
RGB Percent	81%, 28%, 46%
CMY	0.1871, 0.7165, 0.5402
CMYK	0.00, 0.65, 0.43, 0.19
HSL	340°, 59%, 55%
HSV	340°, 65%, 81%
XYZ	31.3748, 19.2686, 18.9706
YIQ	117.4950, 66.0150, 42.6150

Conversions

Conversions Part 2

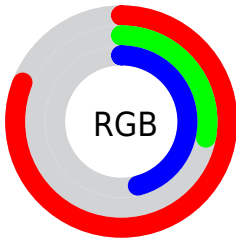
Format	Color
R_{YB}	207, 72, 117
Decimal	13584501
CIE _{Lab}	51.00, 56.76, 3.81
CIE _{LCh}	51, 56.890, 3.843
Yxy	19.2686, 0.4507, 0.2768
Android (android.graphics.Color)	4291774581 (0xFFCF4875)
YUV	117.4950, -0.2440, 78.4959
Hunter-Lab	43.8960, 50.7652, 5.1039

Details

The CIELCh color **51, 56.890, 3.843** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **75, 48.544, 165.996**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 52.420, 1.079**, and **31, 56.324, 4.352** is the 20% darker color. If you saturate the color by 10%, you get **48, 63.565, 7.017**, and if you desaturate by 10%, it is **55, 48.996, 1.340**.

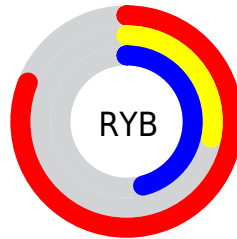
Distribution



Red (81%)

Green (28%)

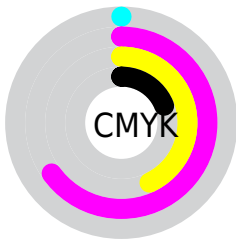
Blue (46%)



Red (81%)

Yellow (28%)

Blue (46%)

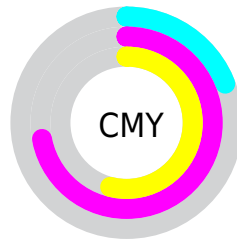


Cyan (0%)

Magenta (65%)

Yellow (43%)

Black (19%)



Cyan (19%)

Magenta (72%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 56.890, 3.843 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 51, 56.890, 3.843 by changing the saturation by 10% instead.

 51, 56.890, 3.843  51, 56.890, 3.843

 100, 56.890, 3.843  41, 56.890, 3.843


 71, 56.890, 3.843  31, 56.890, 3.843

 81, 56.890, 3.843  21, 56.890, 3.843

 91, 56.890, 3.843  11, 56.890, 3.843

 1, 56.890, 3.843

 0, 56.890, 3.843

 51, 56.890, 3.843  51, 56.890, 3.843

 48, 63.565, 7.017  55, 48.996, 1.340

 46, 68.744, 11.028  59, 40.314,

44, 72.469, 15.977 359.336

44, 74.092, 18.556 64, 31.242, 357.699

69, 22.098, 356.330

75, 13.094, 355.154

80, 4.358, 354.074

86, 4.044, 173.416

92, 12.087, 172.547

97, 17.743, 175.659

Harmonies

Complementary

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



51, 56.890, 3.843



75, 48.544, 165.996

Rectangle

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



51, 56.890, 3.843



51, 56.890, 53.843



51, 56.890, 183.843



51, 56.890, 233.843

Sweetspot

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



51, 56.887, 3.845



87, 20.656, 355.735



48, 79.849, 317.184



44, 14.154, 356.076



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 56.887, 3.845



58, 76.828, 8.437



54, 54.886, 38.559



41, 4.894, 354.540



35, 63.211, 17.646



4, 20.631, 3.853

Inverse Universe

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



51, 56.887, 3.845



58, 76.828, 8.437



70, 32.268, 220.003



41, 4.894, 354.540



35, 63.211, 17.646



4, 20.631, 3.853

Previews

White Background



This preview shows how the CIELCh color 51, 56.890, 3.843 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 51, 56.890, 3.843 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 51, 56.890, 3.843

Background



This preview shows how black text looks on a background with the CIELCh color 51, 56.890, 3.843.



This preview shows how white text looks on a background with the CIELCh color 51, 56.890, 3.843.

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

51, 56.890, 3.843

Protanopia

51, 14.605, 286.282

Deuteranopia

51, 9.391, 45.680



Tritanopia
51, 55.556, 25.115

Trichromacy



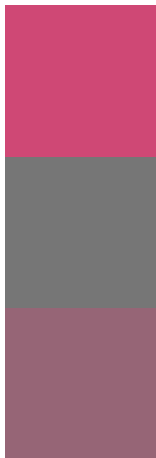
Original Color
51, 56.890, 3.843

Protanomaly
49, 26.500, 336.408

Deuteranomaly
50, 26.871, 8.232

Tritanomaly
51, 54.990, 17.525

Monochromacy



Original Color
51, 56.890, 3.843

Achromatopsia
50, 0.007, 296.813

Achromatomaly
48, 22.385, 356.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 56.890, 3.843 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, 72, 117)` looks like.

```
.text, #text, p{  
    color:rgb(207, 72, 117)  
}
```

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, 72, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 72, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 56.890, 3.843 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, 72, 117) }
```

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

```
.border{ border-color:rgb(207, 72, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 72, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 72, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 72, 117);  
box-shadow:4px 4px 4px 4px rgb(207, 72,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 56.890, 3.843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 72, 117) }
```

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

```
.background{ background-color: rgb(207, 72,  
117) }
```

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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