

Converting Colors

CIELCh(51, 56.146, 1.212)

Have a look what the booklet for
CIELCh(51, 56.146, 1.212) contains.

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Color

CIELCh(51, 56.249, 0.717)

Conversions

Conversions Part 1

Format	Color
Hex	CD497A
RGB	205, 73, 122
RGB Percent	80%, 29%, 48%
CMY	0.1945, 0.7122, 0.5202
CMYK	0.00, 0.64, 0.40, 0.19
HSL	338°, 57%, 55%
HSV	338°, 64%, 81%
XYZ	31.2340, 19.2686, 20.5991
YIQ	118.0540, 62.9430, 43.2230

Conversions

Conversions Part 2

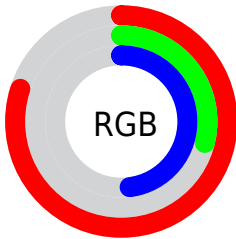
Format	Color
RYB	205, 73, 122
Decimal	13453690
CIELab	51.00, 56.24, 0.70
CIElCh	51, 56.249, 0.717
Yxy	19.2686, 0.4393, 0.2710
Android (android.graphics.Color)	4291643770 (0xFFCD497A)
YUV	118.0540, 1.9454, 76.2516
Hunter-Lab	43.8960, 50.1929, 2.9042

Details

The CIELCh color **51, 56.249, 0.717** 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, 49.459, 163.626**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 52.544, 358.529**, and **31, 56.094, 0.495** is the 20% darker color. If you saturate the color by 10%, you get **48, 62.789, 3.644**, and if you desaturate by 10%, it is **55, 48.431, 358.401**.

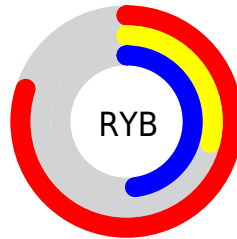
Distribution



Red (80%)

Green (29%)

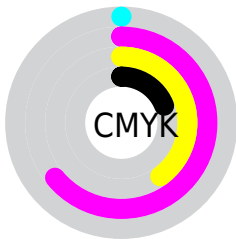
Blue (48%)



Red (80%)

Yellow (29%)

Blue (48%)

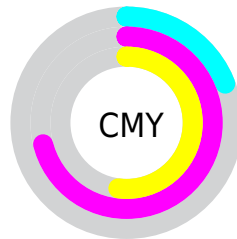


Cyan (0%)

Magenta (64%)

Yellow (40%)

Black (19%)



Cyan (19%)

Magenta (71%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 56.249, 0.717 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, 56.249, 0.717 by changing the saturation by 10% instead.

 51, 56.249, 0.717

 51, 56.249, 0.717

 100, 56.249, 0.717

 41, 56.249, 0.717

 71, 56.249, 0.717

 31, 56.249, 0.717

 81, 56.249, 0.717

 21, 56.249, 0.717

 91, 56.249, 0.717

 11, 56.249, 0.717


 1, 56.249, 0.717

 0, 56.249, 0.717

 51, 56.249, 0.717

 51, 56.249, 0.717

 48, 62.789, 3.644

 55, 48.431,
358.401

 46, 67.733, 7.355

44, 71.063, 11.991

59, 39.784,
356.534

44, 72.618, 14.921

64, 30.716,
354.994

69, 21.546,
353.694

75, 12.488,
352.565

80, 3.674, 351.503

86, 4.827, 170.860

91, 12.988,
170.024

96, 19.033,
172.120

Harmonies

Complementary

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



51, 56.249, 0.717



75, 49.459, 163.626

Rectangle

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



51, 56.249, 0.717



51, 56.249, 50.717



51, 56.249, 180.717



51, 56.249, 230.717

Sweetspot

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



51, 56.246, 0.719



88, 19.971, 353.109



47, 78.266, 315.661



45, 13.800, 353.441



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, 56.246, 0.719



58, 76.288, 4.917



53, 55.271, 35.136



40, 4.898, 352.056



35, 61.752, 14.005



4, 18.906, 1.175

Inverse Universe

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



51, 56.246, 0.719



58, 76.288, 4.917



71, 32.726, 212.172



40, 4.898, 352.056



35, 61.752, 14.005



4, 18.906, 1.175

Previews

White Background



This preview shows how the CIELCh color 51, 56.249, 0.717 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, 56.249, 0.717 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, 56.249, 0.717

Background



This preview shows how black text looks on a background with the CIELCh color 51, 56.249, 0.717.



This preview shows how white text looks on a background with the CIELCh color 51, 56.249, 0.717.

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, 56.249, 0.717

Protanopia

51, 17.550, 285.370

Deuteranopia

51, 7.561, 28.969



Tritanopia
51, 53.748, 24.629

Trichromacy



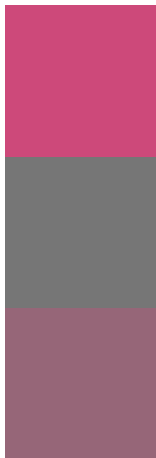
Original Color
51, 56.249, 0.717

Protanomaly
50, 27.376, 330.917

Deuteranomaly
50, 26.001, 2.231

Tritanomaly
51, 53.605, 15.771

Monochromacy



Original Color
51, 56.249, 0.717

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 22.195, 354.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 56.249, 0.717 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(205, 73, 122)` looks like.

```
.text, #text, p{  
    color:rgb(205, 73, 122)  
}
```

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(205, 73, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 73, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 56.249, 0.717 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(205, 73, 122) }
```

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

```
.border{ border-color:rgb(205, 73, 122) }
```

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

Here you see how a box with a 4 pixel rgb(205, 73, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 73, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 73, 122);  
box-shadow:4px 4px 4px 4px rgb(205, 73,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 56.249, 0.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 73, 122) }
```

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

```
.background{ background-color: rgb(205, 73,  
122) }
```

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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