

Converting Colors

CIELCh(51, 56.680, 3.987)

Have a look what the booklet for
CIELCh(51, 56.680, 3.987) contains.

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Color

CIELCh(51, 56.494, 4.091)

Conversions

Conversions Part 1

Format	Color
Hex	CF4975
RGB	207, 73, 117
RGB Percent	81%, 29%, 46%
CMY	0.1889, 0.7143, 0.5417
CMYK	0.00, 0.65, 0.43, 0.19
HSL	340°, 58%, 55%
HSV	340°, 65%, 81%
XYZ	31.2627, 19.2686, 18.8600
YIQ	118.0820, 65.7400, 42.0920

Conversions

Conversions Part 2

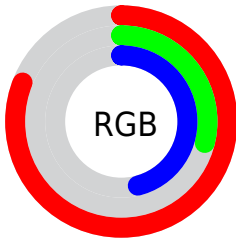
Format	Color
R_{YB}	207, 73, 117
Decimal	13584757
CIE _{Lab}	51.00, 56.35, 4.03
CIE _{LCh}	51, 56.494, 4.091
Yxy	19.2686, 0.4505, 0.2777
Android (android.graphics.Color)	4291774837 (0xFFCF4975)
YUV	118.0820, -0.5334, 77.9811
Hunter-Lab	43.8960, 50.3094, 5.2532

Details

The CIELCh color **51, 56.494, 4.091** 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, 48.053, 166.368**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 51.943, 1.390**, and **31, 56.324, 4.352** is the 20% darker color. If you saturate the color by 10%, you get **48, 63.236, 7.257**, and if you desaturate by 10%, it is **55, 48.562, 1.594**.

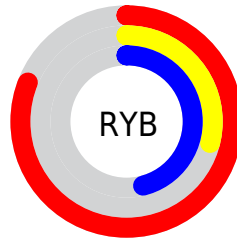
Distribution



Red (81%)

Green (29%)

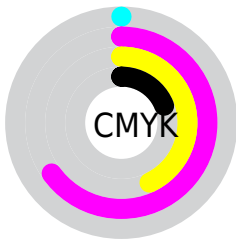
Blue (46%)



Red (81%)

Yellow (29%)

Blue (46%)

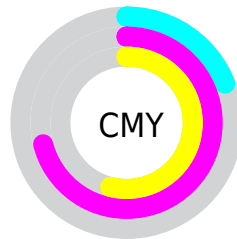


Cyan (0%)

Magenta (65%)

Yellow (43%)

Black (19%)



Cyan (19%)

Magenta (71%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 56.494, 4.091 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, 56.494, 4.091 by changing the saturation by 10% instead.

 51, 56.494, 4.091  51, 56.494, 4.091

 100, 56.494, 4.091  41, 56.494, 4.091

 71, 56.494, 4.091  31, 56.494, 4.091

 81, 56.494, 4.091  21, 56.494, 4.091

 91, 56.494, 4.091  11, 56.494, 4.091

 1, 56.494, 4.091

 0, 56.494, 4.091

 51, 56.494, 4.091  51, 56.494, 4.091

 48, 63.236, 7.257  55, 48.562, 1.594

 46, 68.507, 11.259  59, 39.869,

44, 72.335, 16.196 359.594

44, 74.106, 18.970 64, 30.810,
357.961

69, 21.694,
356.594

75, 12.729,
355.421

80, 4.039, 354.336

86, 4.314, 173.682

92, 12.306,
172.822

96, 17.835,
176.115

Harmonies

Complementary

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



51, 56.494, 4.091



75, 48.053, 166.368

Rectangle

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



51, 56.494, 4.091



51, 56.494, 54.091



51, 56.494, 184.091



51, 56.494, 234.091

Sweetspot

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



51, 56.491, 4.093



87, 19.548, 355.924



48, 79.337, 317.178



45, 13.516, 356.267



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, 56.491, 4.093



58, 76.839, 8.816



54, 54.429, 38.515



41, 4.883, 354.844



35, 63.320, 18.068



4, 20.611, 4.092

Inverse Universe

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



51, 56.491, 4.093



58, 76.839, 8.816



70, 32.115, 219.946



41, 4.883, 354.844



35, 63.320, 18.068



4, 20.611, 4.092

Previews

White Background



This preview shows how the CIELCh color 51, 56.494, 4.091 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, 56.494, 4.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

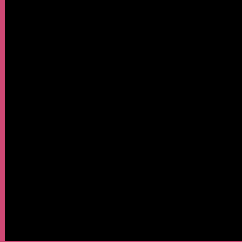
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 56.494, 4.091

Background



This preview shows how black text looks on a background with the CIELCh color 51, 56.494, 4.091.



This preview shows how white text looks on a background with the CIELCh color 51, 56.494, 4.091.

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, 56.494, 4.091

Protanopia

51, 14.027, 285.952

Deuteranopia

51, 9.684, 48.658



Tritanopia
51, 55.068, 24.954

Trichromacy



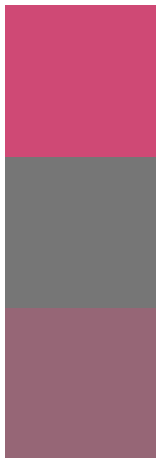
Original Color
51, 56.494, 4.091

Protanomaly
49, 26.119, 337.338

Deuteranomaly
50, 26.322, 10.377

Tritanomaly
51, 54.899, 16.933

Monochromacy



Original Color
51, 56.494, 4.091

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 21.788, 357.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 56.494, 4.091 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, 73, 117)` looks like.

```
.text, #text, p{  
    color:rgb(207, 73, 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, 73, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 73, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 56.494, 4.091 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, 73, 117) }
```

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

```
.border{ border-color:rgb(207, 73, 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, 73, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 73, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 73, 117);  
box-shadow:4px 4px 4px 4px rgb(207, 73,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 56.494, 4.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 73, 117) }
```

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

```
.background{ background-color: rgb(207, 73,  
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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