

Converting Colors

CIELCh(51, 47.210, 357.981)

Have a look what the booklet for
CIELCh(51, 47.210, 357.981)
contains.

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Color

CIELCh(51, 47.184, 357.769)

Conversions

Conversions Part 1

Format	Color
Hex	C0557E
RGB	192, 85, 126
RGB Percent	75%, 33%, 49%
CMY	0.2463, 0.6659, 0.5052
CMYK	0.00, 0.56, 0.34, 0.25
HSL	337°, 46%, 54%
HSV	337°, 56%, 75%
XYZ	28.8283, 19.2686, 21.9970
YIQ	121.6670, 50.6110, 35.4350

Conversions

Conversions Part 2

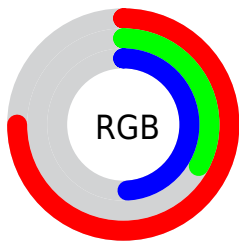
Format	Color
R_{YB}	192, 85, 126
Decimal	12604798
CIE _{Lab}	51.00, 47.15, -1.84
CIE _{LCh}	51, 47.184, 357.769
Yxy	19.2686, 0.4113, 0.2749
Android (android.graphics.Color)	4290794878 (0xFFC0557E)
YUV	121.6670, 2.1362, 61.6820
Hunter-Lab	43.8960, 40.4101, 1.0160

Details

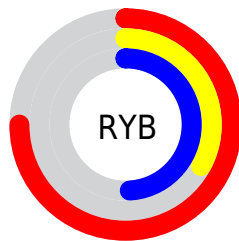
The CIELCh color **51, 47.184, 357.769** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **71, 42.218, 164.236**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 47.453, 357.305**, and **31, 47.214, 357.894** is the 20% darker color. If you saturate the color by 10%, you get **47, 54.440, 0.091**, and if you desaturate by 10%, it is **55, 39.064, 355.900**.

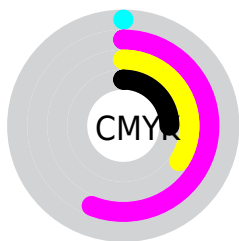
Distribution



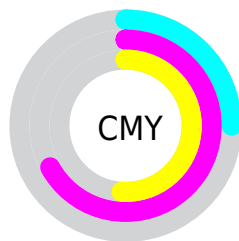
- Red (75%)
- Green (33%)
- Blue (49%)



- Red (75%)
- Yellow (33%)
- Blue (49%)



- Cyan (0%)
- Magenta (56%)
- Yellow (34%)
- Black (25%)





- Cyan (25%)
- Magenta (67%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 47.184, 357.769 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, 47.184, 357.769 by changing the saturation by 10% instead.


 51, 47.184,
357.769


 51, 47.184,
357.769


 100, 47.184,
357.769


 41, 47.184,
357.769


 71, 47.184,
357.769

 31, 47.184,
357.769

 81, 47.184,
357.769

 21, 47.184,
357.769

 91, 47.184,
357.769

 11, 47.184,
357.769

 1, 47.184, 357.769

 0, 47.184, 357.769

51, 47.184,
357.769

51, 47.184,
357.769

47, 54.440, 0.091

55, 39.064,
355.900

45, 60.424, 3.018

60, 30.487,
354.357

42, 64.843, 6.728

41, 67.725, 11.350

65, 21.765,
353.054

41, 68.826, 13.477

70, 13.116,
351.924

75, 4.676, 350.886

80, 3.483, 170.235

85, 11.328,
169.368

91, 18.852,
168.645

■ 95, 24.343,
170.071

Harmonies

Complementary

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



51, 47.184, 357.769



71, 42.218, 164.236

Rectangle

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



51, 47.184, 357.769



51, 47.184, 47.769



51, 47.184, 177.769



51, 47.184, 227.769

Sweetspot

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



51, 47.181, 357.770



87, 17.643, 352.095



48, 64.927, 315.412



45, 11.832, 352.316



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



51, 47.181, 357.770



60, 68.219, 0.729



52, 44.100, 33.770



38, 4.728, 351.270



34, 60.155, 12.689



3, 15.001, 359.106

Inverse Universe

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



51, 47.181, 357.770



60, 68.219, 0.729



68, 28.457, 211.443



38, 4.728, 351.270



34, 60.155, 12.689



3, 15.001, 359.106

Previews

White Background



This preview shows how the CIELCh color 51, 47.184, 357.769 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, 47.184, 357.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

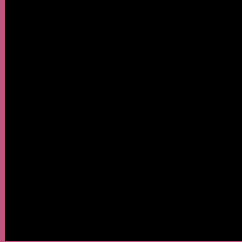
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 47.184, 357.769

Background



This preview shows how black text looks on a background with the CIELCh color 51, 47.184, 357.769.

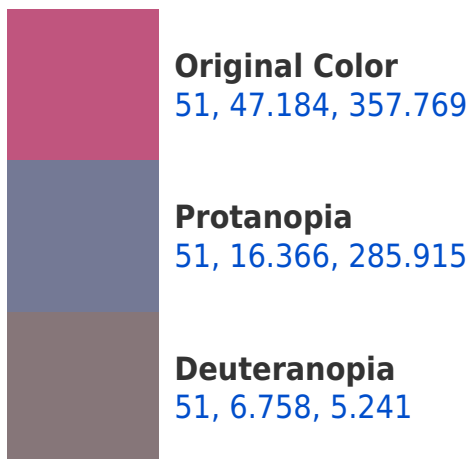


This preview shows how white text looks on a background with the CIELCh color 51, 47.184, 357.769.

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





Tritanopia
51, 43.222, 21.133

Trichromacy



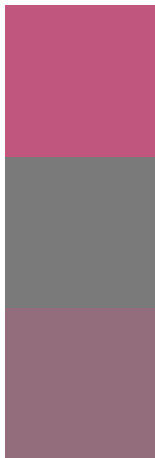
Original Color
51, 47.184, 357.769

Protanomaly
50, 23.734, 328.161

Deuteranomaly
50, 22.231, 356.146

Tritanomaly
51, 43.741, 11.964

Monochromacy



Original Color
51, 47.184, 357.769

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 18.067, 352.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 47.184, 357.769 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(192, 85, 126)` looks like.

```
.text, #text, p{  
    color:rgb(192, 85, 126)  
}
```

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(192, 85, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 85, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 47.184, 357.769 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(192, 85, 126) }
```

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

```
.border{ border-color:rgb(192, 85, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 85, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 85, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 85, 126);  
box-shadow:4px 4px 4px 4px rgb(192, 85,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 47.184, 357.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 85, 126) }
```

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

```
.background{ background-color: rgb(192, 85,  
126) }
```

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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