

Converting Colors

CIELCh(48, 57.695, 348.651)

Have a look what the booklet for
CIELCh(48, 57.695, 348.651)
contains.

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Color

CIELCh(48, 57.904, 348.547)

Conversions

Conversions Part 1

Format	Color
Hex	C04287
RGB	192, 66, 135
RGB Percent	75%, 26%, 53%
CMY	0.2479, 0.7420, 0.4713
CMYK	0.00, 0.66, 0.30, 0.25
HSL	327°, 50%, 51%
HSV	327°, 66%, 75%
XYZ	27.9799, 16.7945, 24.6188
YIQ	111.5400, 52.9470, 48.1710

Conversions

Conversions Part 2

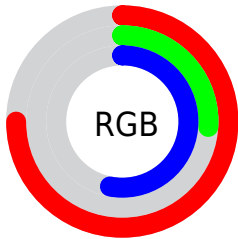
Format	Color
R_{YB}	192, 66, 135
Decimal	12599943
CIE _{Lab}	48.00, 56.75, -11.50
CIE _{LCh}	48, 57.904, 348.547
Yxy	16.7945, 0.4032, 0.2420
Android (android.graphics.Color)	4290790023 (0xFFC04287)
YUV	111.5400, 11.5658, 70.5634
Hunter-Lab	40.9810, 50.1545, -6.9309

Details

The CIELCh color **48, 57.904, 348.547** 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 **70, 56.159, 153.665**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 57.770, 348.867**, and **29, 55.371, 349.230** is the 20% darker color. If you saturate the color by 10%, you get **45, 63.513, 350.543**, and if you desaturate by 10%, it is **51, 50.682, 346.919**.

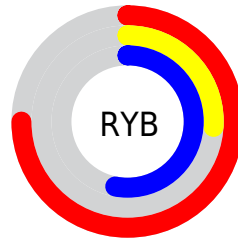
Distribution



Red (75%)

Green (26%)

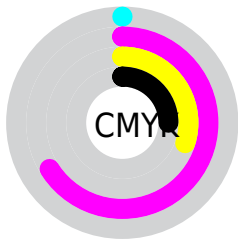
Blue (53%)



Red (75%)

Yellow (26%)

Blue (53%)

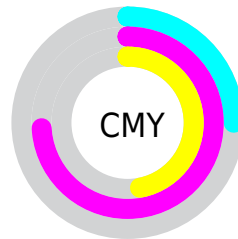


Cyan (0%)

Magenta (66%)

Yellow (30%)

Black (25%)



Cyan (25%)

Magenta (74%)

Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 57.904, 348.547 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 48, 57.904, 348.547 by changing the saturation by 10% instead.


 48, 57.904,
348.547


 48, 57.904,
348.547


 100, 57.904,
348.547


 38, 57.904,
348.547

 68, 57.904,
348.547

 28, 57.904,
348.547

 78, 57.904,
348.547

 18, 57.904,
348.547

 88, 57.904,
348.547

 8, 57.904, 348.547

 98, 57.904,
348.547

 0, 57.904, 348.547

 48, 57.904,

 48, 57.904,

348.547

45, 63.513,
350.543

43, 67.151,
353.037

42, 68.745,
356.171

42, 69.142,
357.646

348.547

51, 50.682,
346.919

55, 42.332,
345.555

60, 33.298,
344.381

65, 23.943,
343.347

70, 14.525,
342.416

75, 5.216, 341.536

80, 3.882, 160.942

85, 12.713,
160.172

■ 90, 21.254,
159.511

Harmonies

Complementary

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



48, 57.904, 348.547



70, 56.159, 153.665

Rectangle

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



48, 57.904, 348.547



48, 57.904, 38.547



48, 57.904, 168.547



48, 57.904, 218.547

Sweetspot

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



48, 57.901, 348.548



86, 23.037, 342.837



41, 75.558, 310.902



44, 15.742, 343.103



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



48, 57.901, 348.548



57, 79.844, 351.614



46, 56.282, 25.566



38, 5.259, 341.863



34, 60.750, 357.107



3, 16.285, 349.447

Inverse Universe

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



48, 57.901, 348.548



57, 79.844, 351.614



71, 36.112, 191.138



38, 5.259, 341.863



34, 60.750, 357.107



3, 16.285, 349.447

Previews

White Background



This preview shows how the CIELCh color 48, 57.904, 348.547 looks on a white background.

Color Contrast Check

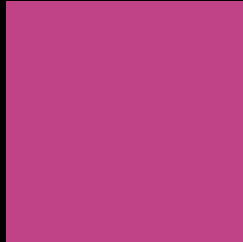
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 48, 57.904, 348.547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

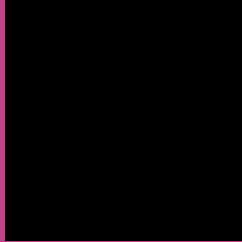
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 57.904, 348.547

Background



This preview shows how black text looks on a background with the CIELCh color 48, 57.904, 348.547.

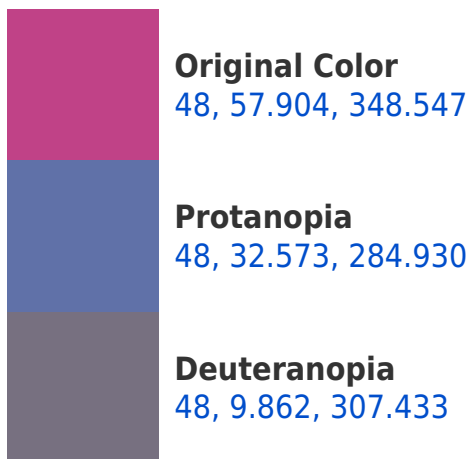


This preview shows how white text looks on a background with the CIELCh color 48, 57.904, 348.547.

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](#).

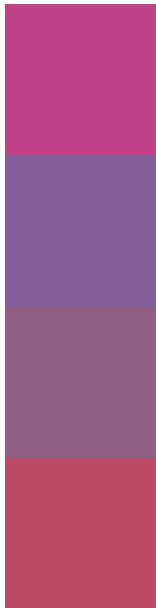
Dichromacy





Tritanopia
48, 48.772, 23.143

Trichromacy



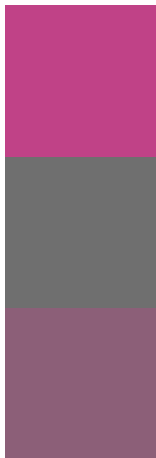
Original Color
48, 57.904, 348.547

Protanomaly
46, 37.691, 313.627

Deuteranomaly
47, 28.296, 336.741

Tritanomaly
48, 49.343, 9.474

Monochromacy



Original Color
48, 57.904, 348.547

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 23.318, 343.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 57.904, 348.547 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, 66, 135)` looks like.

```
.text, #text, p{  
    color:rgb(192, 66, 135)  
}
```

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, 66, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 66, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 57.904, 348.547 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, 66, 135) }
```

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

```
.border{ border-color:rgb(192, 66, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 66, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 66, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 66, 135);  
box-shadow:4px 4px 4px 4px rgb(192, 66,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 57.904, 348.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 66, 135) }
```

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

```
.background{ background-color: rgb(192, 66,  
135) }
```

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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