

Converting Colors

CIELCh(52, 59.897, 348.247)

Have a look what the booklet for
CIELCh(52, 59.897, 348.247)
contains.

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Color

CIELCh(52, 59.644, 348.598)

Conversions

Conversions Part 1

Format	Color
Hex	CE4B92
RGB	206, 75, 146
RGB Percent	81%, 29%, 57%
CMY	0.1933, 0.7069, 0.4284
CMYK	0.00, 0.64, 0.29, 0.19
HSL	327°, 57%, 55%
HSV	327°, 64%, 81%
XYZ	33.0419, 20.1443, 29.2393
YIQ	122.2630, 55.2850, 49.8530

Conversions

Conversions Part 2

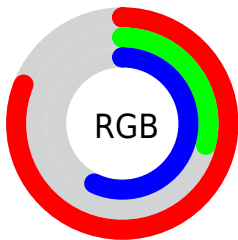
Format	Color
RYB	206, 75, 146
Decimal	13519762
CIELab	52.00, 58.47, -11.79
CIELCh	52, 59.644, 348.598
Yxy	20.1443, 0.4009, 0.2444
Android (android.graphics.Color)	4291709842 (0xFFCE4B92)
YUV	122.2630, 11.7023, 73.4373
Hunter-Lab	44.8824, 52.8653, -7.2076

Details

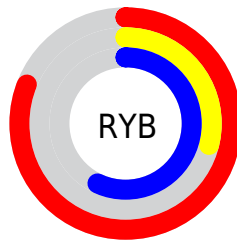
The CIELCh color **52, 59.644, 348.598** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **74, 57.605, 154.217**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 56.755, 345.544**, and **32, 59.504, 348.934** is the 20% darker color. If you saturate the color by 10%, you get **49, 65.903, 350.562**, and if you desaturate by 10%, it is **56, 51.763, 346.993**.

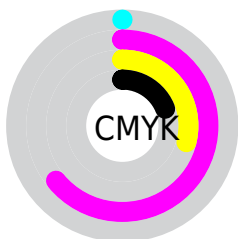
Distribution



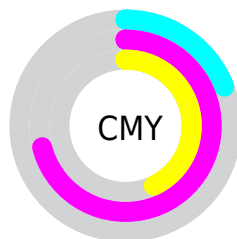
- Red (81%)
- Green (29%)
- Blue (57%)



- Red (81%)
- Yellow (29%)
- Blue (57%)



- Cyan (0%)
- Magenta (64%)
- Yellow (29%)
- Black (19%)





- Cyan (19%)
- Magenta (71%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 59.644, 348.598 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 52, 59.644, 348.598 by changing the saturation by 10% instead.


 52, 59.644,
348.598


 52, 59.644,
348.598


 100, 59.644,
348.598


 42, 59.644,
348.598


 72, 59.644,
348.598

 32, 59.644,
348.598

 82, 59.644,
348.598

 22, 59.644,
348.598

 92, 59.644,
348.598

 12, 59.644,
348.598

 2, 59.644, 348.598

 0, 59.644, 348.598

52, 59.644,
348.598

52, 59.644,
348.598

49, 65.903,
350.562

56, 51.763,
346.993

47, 70.126,
353.016

60, 42.779,
345.645

45, 72.164,
356.108

65, 33.152,
344.483

45, 72.699,
358.358


70, 23.248,
343.458

75, 13.322,
342.532

81, 3.541, 341.621

86, 5.999, 161.043

92, 15.246,
160.306

 96, 21.346,
162.122

Harmonies

Complementary

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



52, 59.644, 348.598



74, 57.605, 154.217

Rectangle

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



52, 59.644, 348.598



52, 59.644, 38.598



52, 59.644, 168.598



52, 59.644, 218.598

Sweetspot

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



52, 59.641, 348.599



88, 22.148, 343.037



45, 77.621, 310.823



45, 15.274, 343.310



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 59.641, 348.599



59, 79.393, 351.305



50, 57.644, 25.037



40, 5.466, 342.154



36, 62.038, 357.715



4, 20.375, 350.866

Inverse Universe

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



52, 59.641, 348.599



59, 79.393, 351.305



76, 37.463, 191.241



40, 5.466, 342.154



36, 62.038, 357.715



4, 20.375, 350.866

Previews

White Background



This preview shows how the CIELCh color 52, 59.644, 348.598 looks on a white background.

Color Contrast Check

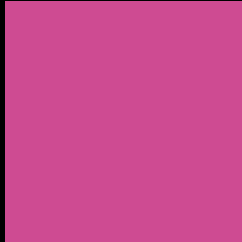
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 59.644, 348.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

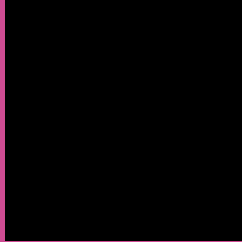
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 59.644, 348.598

Background



This preview shows how black text looks on a background with the CIELCh color 52, 59.644, 348.598.

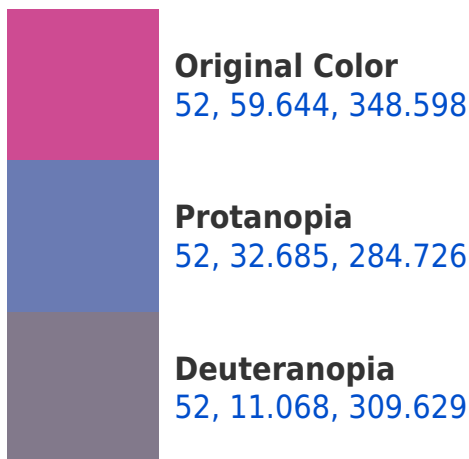


This preview shows how white text looks on a background with the CIELCh color 52, 59.644, 348.598.

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](#).

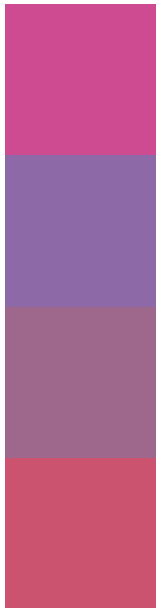
Dichromacy





Tritanopia
52, 49.822, 22.882

Trichromacy



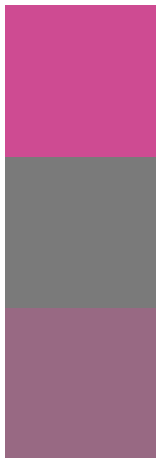
Original Color
52, 59.644, 348.598

Protanomaly
50, 38.516, 314.007

Deuteranomaly
51, 29.785, 337.390

Tritanomaly
52, 50.858, 9.220

Monochromacy



Original Color
52, 59.644, 348.598

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 23.954, 343.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 59.644, 348.598 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(206, 75, 146)` looks like.

```
.text, #text, p{  
    color:rgb(206, 75, 146)  
}
```

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(206, 75, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 75, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 59.644, 348.598 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(206, 75, 146) }
```

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

```
.border{ border-color:rgb(206, 75, 146) }
```

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

Here you see how a box with a 4 pixel rgb(206, 75, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 75, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 75, 146);  
box-shadow:4px 4px 4px 4px rgb(206, 75,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 59.644, 348.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 75, 146) }
```

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

```
.background{ background-color: rgb(206, 75,  
146) }
```

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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