

Converting Colors

CIELCh(58, 82.235, 346.412)

Have a look what the booklet for
CIELCh(58, 82.235, 346.412)
contains.

CIELCh(58, 82.209, 346.415)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 82.209, 346.415)

Conversions

Conversions Part 1

Format	Color
Hex	F936AF
RGB	249, 54, 175
RGB Percent	98%, 21%, 69%
CMY	0.0225, 0.7869, 0.3128
CMYK	0.00, 0.78, 0.30, 0.02
HSL	323°, 94%, 60%
HSV	323°, 78%, 98%
XYZ	48.2544, 25.9610, 43.1420
YIQ	126.0990, 77.3790, 78.9710

Conversions

Conversions Part 2

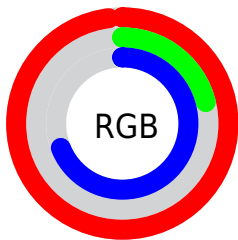
Format	Color
R_{YB}	249, 54, 175
Decimal	16332463
CIE _{Lab}	58.00, 79.91, -19.31
CIE _{LCh}	58, 82.209, 346.415
Yxy	25.9610, 0.4112, 0.2212
Android (android.graphics.Color)	4294522543 (0xFFFF936AF)
YUV	126.0990, 24.1082, 107.7842
Hunter-Lab	50.9519, 79.8840, -14.5357

Details

The CIELCh color **58, 82.209, 346.415** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **87, 84.508, 147.998**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 71.940, 333.256**, and **41, 71.193, 348.854** is the 20% darker color. If you saturate the color by 10%, you get **56, 85.598, 348.578**, and if you desaturate by 10%, it is **61, 76.084, 344.669**.

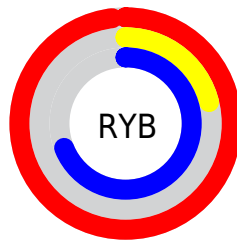
Distribution



Red (98%)

Green (21%)

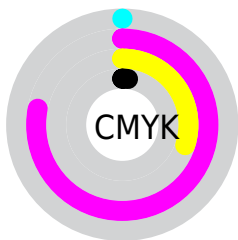
Blue (69%)



Red (98%)

Yellow (21%)

Blue (69%)

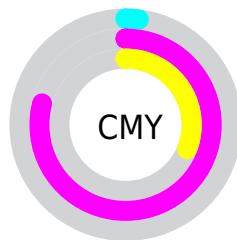


Cyan (0%)

Magenta (78%)

Yellow (30%)

Black (2%)



Cyan (2%)

Magenta (79%)


Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 82.209, 346.415 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 58, 82.209, 346.415 by changing the saturation by 10% instead.


 58, 82.209,
346.415

 58, 82.209,
346.415


 100, 82.209,
346.415

 48, 82.209,
346.415


 78, 82.209,
346.415

 38, 82.209,
346.415

 88, 82.209,
346.415

 28, 82.209,
346.415

 98, 82.209,
346.415

 18, 82.209,
346.415

 8, 82.209, 346.415

 0, 82.209, 346.415

58, 82.209,
346.415

58, 82.209,
346.415

56, 85.598,
348.578

61, 76.084,
344.669

55, 86.388,
351.259

65, 67.620,
343.225

55, 86.415,
351.776

70, 57.410,
341.997

75, 46.069,
340.925

81, 34.115,
339.965

87, 21.938,
339.091

93, 9.803, 338.270

99, 2.121, 157.780

100, 1.991,
199.612

Harmonies

Complementary

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



58, 82.209, 346.415



87, 84.508, 147.998

Rectangle

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



58, 82.209, 346.415



58, 82.209, 36.415



58, 82.209, 166.415



58, 82.209, 216.415

Sweetspot

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



58, 82.205, 346.416



85, 28.314, 339.504



44, 109.651, 309.394



43, 19.616, 339.825



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 82.205, 346.416



56, 87.824, 350.101



56, 79.645, 24.620



49, 6.821, 338.376



41, 70.328, 351.228



10, 32.650, 347.348

Inverse Universe

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



58, 82.205, 346.416



56, 87.824, 350.101



89, 51.843, 180.902



49, 6.821, 338.376



41, 70.328, 351.228



10, 32.650, 347.348

Previews

White Background



This preview shows how the CIELCh color 58, 82.209, 346.415 looks on a white background.

Color Contrast Check

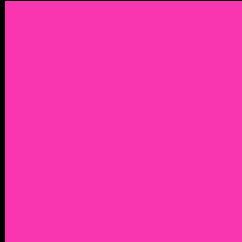
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 82.209, 346.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

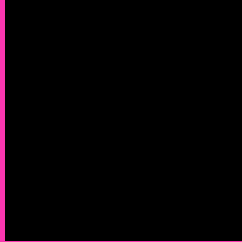
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 82.209, 346.415

Background



This preview shows how black text looks on a background with the CIELCh color 58, 82.209, 346.415.

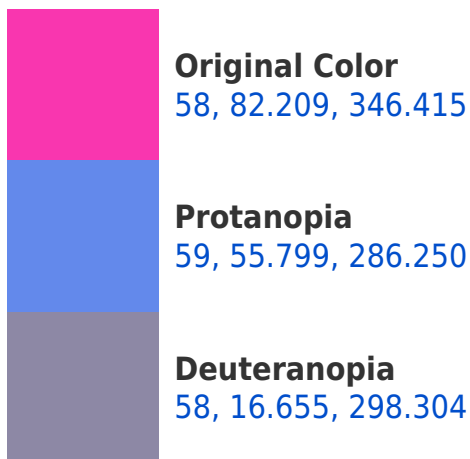


This preview shows how white text looks on a background with the CIELCh color 58, 82.209, 346.415.

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
58, 69.025, 27.222

Trichromacy



Original Color
58, 82.209, 346.415



Protanomaly
54, 62.346, 309.863



Deuteranomaly
55, 44.336, 331.299



Tritanomaly
58, 69.030, 10.368

Monochromacy



Original Color
58, 82.209, 346.415



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 36.783, 341.187

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 82.209, 346.415 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(249, 54, 175)` looks like.

```
.text, #text, p{  
    color:rgb(249, 54, 175)  
}
```

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(249, 54, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 54, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 82.209, 346.415 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(249, 54, 175) }
```

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

```
.border{ border-color:rgb(249, 54, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 54, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 54, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 54, 175);  
box-shadow:4px 4px 4px 4px rgb(249, 54,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 82.209, 346.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 54, 175) }
```

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

```
.background{ background-color: rgb(249, 54,  
175) }
```

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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