

Converting Colors

CIELCh(58, 82.199, 342.387)

Have a look what the booklet for
CIELCh(58, 82.199, 342.387)
contains.

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Color

CIELCh(58, 82.202, 342.267)

Conversions

Conversions Part 1

Format	Color
Hex	F43CB9
RGB	244, 60, 185
RGB Percent	96%, 24%, 73%
CMY	0.0432, 0.7648, 0.2746
CMYK	0.00, 0.75, 0.24, 0.04
HSL	319°, 89%, 60%
HSV	319°, 75%, 96%
XYZ	47.6715, 25.9610, 48.3876
YIQ	129.2660, 69.5390, 77.8830

Conversions

Conversions Part 2

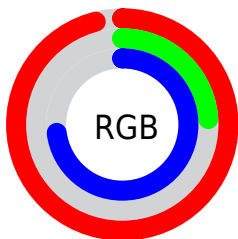
Format	Color
RYB	244, 60, 185
Decimal	16006329
CIELab	58.00, 78.30, -25.04
CIELCh	58, 82.202, 342.267
Yxy	25.9610, 0.3907, 0.2128
Android (android.graphics.Color)	4294196409 (0xFFFF43CB9)
YUV	129.2660, 27.4769, 100.6217
Hunter-Lab	50.9519, 77.8418, -20.6396

Details

The CIELCh color **58, 82.202, 342.267** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **85, 84.961, 146.246**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 74.053, 330.518**, and **41, 72.965, 343.329** is the 20% darker color. If you saturate the color by 10%, you get **56, 86.402, 343.880**, and if you desaturate by 10%, it is **61, 75.307, 340.924**.

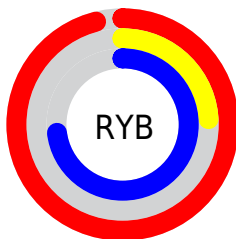
Distribution



Red (96%)

Green (24%)

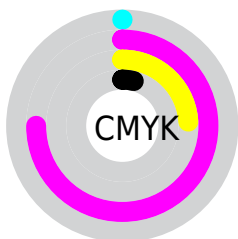
Blue (73%)



Red (96%)

Yellow (24%)

Blue (73%)

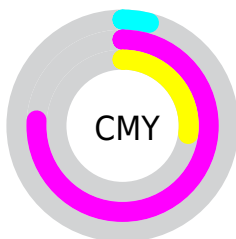


Cyan (0%)

Magenta (75%)

Yellow (24%)

Black (4%)



Cyan (4%)

Magenta (76%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 82.202, 342.267 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, 82.202, 342.267 by changing the saturation by 10% instead.

 58, 82.202,
342.267


 58, 82.202,
342.267

 100, 82.202,
342.267

 48, 82.202,
342.267

 78, 82.202,
342.267

 38, 82.202,
342.267

 88, 82.202,
342.267

 28, 82.202,
342.267

 98, 82.202,
342.267

 18, 82.202,
342.267

 8, 82.202, 342.267

 0, 82.202, 342.267

58, 82.202,
342.267

58, 82.202,
342.267

56, 86.402,
343.880

61, 75.307,
340.924

54, 87.815,
345.853

65, 66.192,
339.774

54, 87.840,
346.865

70, 55.467,
338.760

75, 43.723,
337.844

81, 31.447,
337.001

87, 18.999,
336.215

93, 6.622, 335.449

99, 5.426, 155.116

Harmonies

Complementary

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



58, 82.202, 342.267



85, 84.961, 146.246

Rectangle

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



58, 82.202, 342.267



58, 82.202, 32.267



58, 82.202, 162.267



58, 82.202, 212.267

Sweetspot

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



58, 82.198, 342.267



85, 29.485, 336.811



44, 105.042, 308.187



43, 20.419, 337.104



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, 82.198, 342.267



57, 90.388, 344.776



55, 74.338, 19.557



48, 6.994, 335.765



41, 71.933, 346.449



10, 32.857, 343.323

Inverse Universe

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



58, 82.198, 342.267



57, 90.388, 344.776



87, 52.529, 176.320



48, 6.994, 335.765



41, 71.933, 346.449



10, 32.857, 343.323

Previews

White Background



This preview shows how the CIELCh color 58, 82.202, 342.267 looks on a white background.

Color Contrast Check

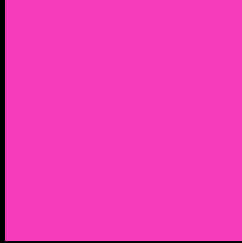
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.202, 342.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

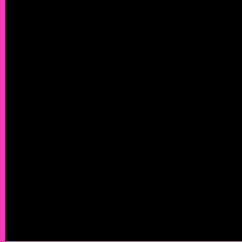
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 82.202, 342.267

Background



This preview shows how black text looks on a background with the CIELCh color 58, 82.202, 342.267.

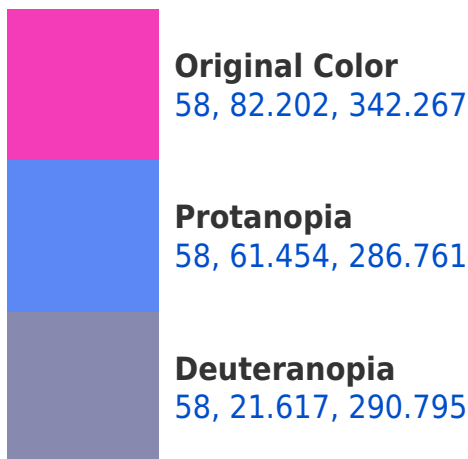


This preview shows how white text looks on a background with the CIELCh color 58, 82.202, 342.267.

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, 63.797, 25.973

Trichromacy



Original Color
58, 82.202, 342.267



Protanomaly
54, 66.811, 306.892



Deuteranomaly
55, 45.906, 324.829



Tritanomaly
58, 65.727, 7.112

Monochromacy



Original Color
58, 82.202, 342.267



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 35.975, 338.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 82.202, 342.267 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(244, 60, 185)` looks like.

```
.text, #text, p{  
    color:rgb(244, 60, 185)  
}
```

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(244, 60, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 60, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 82.202, 342.267 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(244, 60, 185) }
```

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

```
.border{ border-color:rgb(244, 60, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 60, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 60, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 60, 185);  
box-shadow:4px 4px 4px 4px rgb(244, 60,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 82.202, 342.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 60, 185) }
```

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

```
.background{ background-color: rgb(244, 60,  
185) }
```

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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