

Converting Colors

CIELCh(69, 113.600, 351.578)

Have a look what the booklet for
CIELCh(69, 113.600, 351.578)
contains.

CIELCh(58, 98.092, 338.894)	3
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Color

CIELCh(58, 98.092, 338.894)

Conversions

Conversions Part 1

Format	Color
Hex	FF06CB
RGB	255, 6, 203
RGB Percent	100%, 2%, 80%
CMY	0.0000, 0.9760, 0.2033
CMYK	0.00, 0.98, 0.20, 0.00
HSL	312°, 100%, 51%
HSV	312°, 98%, 100%
XYZ	52.5890, 25.9610, 58.8440
YIQ	102.9090, 85.1670, 114.0550

Conversions

Conversions Part 2

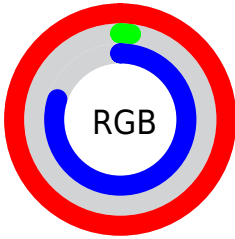
Format	Color
R _Y B	255, 6, 203
Decimal	16713419
CIE Lab	58.00, 91.51, -35.32
CIE LCh	58, 98.092, 338.894
Yxy	25.9610, 0.3828, 0.1890
Android (android.graphics.Color)	4294903499 (0xFFFF06CB)
YUV	102.9090, 49.3449, 133.3838
Hunter-Lab	50.9519, 95.0694, -32.8072

Details

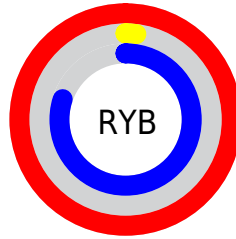
The CIELCh color **58, 98.092, 338.894** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **88, 111.846, 138.757**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.498, 327.438**, and **43, 78.293, 340.291** is the 20% darker color. If you saturate the color by 10%, you get **58, 98.061, 338.921**, and if you desaturate by 10%, it is **59, 96.841, 337.496**.

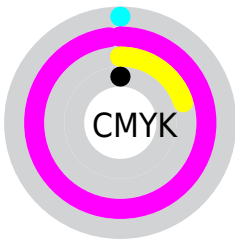
Distribution



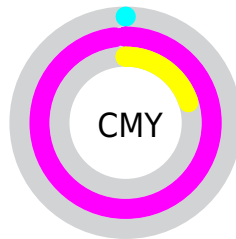
- Red (100%)
- Green (2%)
- Blue (80%)



- Red (100%)
- Yellow (2%)
- Blue (80%)



- Cyan (0%)
- Magenta (98%)
- Yellow (20%)
- Black (0%)




- Cyan (0%)
- Magenta (98%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 98.092, 338.894 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, 98.092, 338.894 by changing the saturation by 10% instead.

 58, 98.092,
338.894

 58, 98.092,
338.894

 100, 98.092,
338.894

 48, 98.092,
338.894

 78, 98.092,
338.894

 38, 98.092,
338.894

 88, 98.092,
338.894

 28, 98.092,
338.894

 98, 98.092,
338.894

 18, 98.092,
338.894

 8, 98.092, 338.894

 0, 98.092, 338.894

■ 58, 98.092,
338.894

■ 58, 98.092,
338.894

■ 58, 98.061,
338.921

■ 59, 96.841,
337.496

■ 61, 92.770,
336.509

■ 64, 85.742,
335.628

■ 68, 76.162,
334.818

■ 72, 64.640,
334.054

■ 77, 51.817,
333.322

■ 83, 38.247,
332.617

■ 89, 24.359,

331.934

95, 10.455,
331.262

Harmonies

Complementary

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



58, 98.092, 338.894



88, 111.846, 138.757

Rectangle

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



58, 98.092, 338.894



58, 98.092, 28.894



58, 98.092, 158.894



58, 98.092, 208.894

Sweetspot

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



58, 98.007, 338.632



82, 40.181, 332.714



34, 130.862, 307.116



41, 27.520, 333.014



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, 98.007, 338.632



58, 98.061, 338.921



54, 87.228, 21.017



50, 7.837, 331.391



43, 79.193, 338.695



11, 37.120, 337.178

Inverse Universe

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



58, 98.007, 338.632



58, 98.061, 338.921



89, 70.384, 161.910



50, 7.837, 331.391



43, 79.193, 338.695



11, 37.120, 337.178

Previews

White Background



This preview shows how the CIE LCh color 58, 98.092, 338.894 looks on a white background.

Color Contrast Check

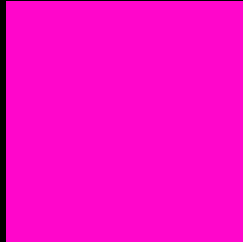
Large Text (above 18pt) WCAG AA ✓ Pass

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, 98.092, 338.894 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, 98.092, 338.894

Background



This preview shows how black text looks on a background with the CIELCh color 58, 98.092, 338.894.



This preview shows how white text looks on a background with the CIELCh color 58, 98.092, 338.894.

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



Original Color
58, 97.968, 338.673

Protanopia
58, 67.647, 286.851

Deuteranopia
58, 29.732, 284.775



Tritanopia
58, 71.428, 28.196

Trichromacy



Original Color
58, 97.968, 338.673



Protanomaly
51, 84.992, 308.523



Deuteranomaly
52, 64.685, 320.445



Tritanomaly
56, 75.911, 4.953

Monochromacy



Original Color
58, 97.968, 338.673



Achromatopsia
44, 0.006, 296.813



Achromatomaly
43, 51.333, 334.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 98.092, 338.894 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(255, 6, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 6, 203)  
}
```

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(255, 6, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 6, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 98.092, 338.894 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(255, 6, 203) }
```

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

```
.border{ border-color:rgb(255, 6, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 6, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 6, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 6, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 6,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 98.092, 338.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 6, 203) }
```

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

```
.background{ background-color: rgb(255, 6,  
203) }
```

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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