

Converting Colors

CIELCh(58, 98.974, 338.146)

Have a look what the booklet for
CIELCh(58, 98.974, 338.146)
contains.

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Color

CIELCh(58, 98.984, 337.928)

Conversions

Conversions Part 1

Format	Color
Hex	FF06CE
RGB	255, 6, 206
RGB Percent	100%, 2%, 81%
CMY	0.0000, 0.9754, 0.1905
CMYK	0.00, 0.98, 0.19, 0.00
HSL	312°, 100%, 51%
HSV	312°, 98%, 100%
XYZ	52.6729, 25.9610, 60.8970
YIQ	103.2510, 84.2040, 114.9880

Conversions

Conversions Part 2

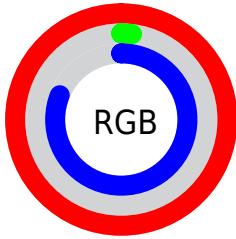
Format	Color
R_YB	255, 6, 206
Decimal	16713422
CIE _{Lab}	58.00, 91.73, -37.20
CIE _{LCh}	58, 98.984, 337.928
Yxy	25.9610, 0.3775, 0.1861
Android (android.graphics.Color)	4294903502 (0xFFFF06CE)
YUV	103.2510, 50.6553, 133.0839
Hunter-Lab	50.9519, 95.3633, -35.1962

Details

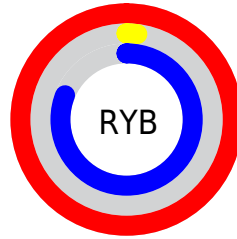
The CIELCh color **58, 98.984, 337.928** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **88, 112.567, 138.484**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.498, 327.438**, and **44, 79.180, 339.290** is the 20% darker color. If you saturate the color by 10%, you get **58, 99.023, 338.105**, and if you desaturate by 10%, it is **59, 97.713, 336.790**.

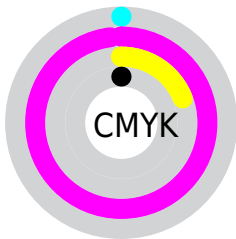
Distribution



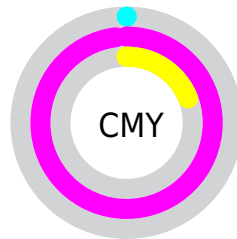
- Red (100%)
- Green (2%)
- Blue (81%)



- Red (100%)
- Yellow (2%)
- Blue (81%)



- Cyan (0%)
- Magenta (98%)
- Yellow (19%)
- Black (0%)



- Cyan (0%)
- Magenta (98%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 98.984, 337.928 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, 98.984, 337.928 by changing the saturation by 10% instead.

 58, 98.984,
337.928


 58, 98.984,
337.928

 100, 98.984,
337.928


 48, 98.984,
337.928


 78, 98.984,
337.928

 38, 98.984,
337.928

 88, 98.984,
337.928

 28, 98.984,
337.928

 98, 98.984,
337.928

 18, 98.984,
337.928

 8, 98.984, 337.928

 0, 98.984, 337.928

■ 58, 98.984,
337.928

■ 58, 98.984,
337.928

■ 58, 99.023,
338.105

■ 59, 97.713,
336.790

■ 61, 93.558,
335.872

■ 64, 86.443,
335.043

■ 68, 76.768,
334.271

■ 72, 65.144,
333.535

■ 77, 52.210,
332.824

■ 83, 38.522,
332.134

■ 89, 24.511,

331.462

95, 10.481,
330.799

Harmonies

Complementary

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



58, 98.984, 337.928



88, 112.567, 138.484

Rectangle

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



58, 98.984, 337.928



58, 98.984, 27.928



58, 98.984, 157.928



58, 98.984, 207.928

Sweetspot

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



58, 98.954, 337.835



82, 40.543, 332.233



34, 131.096, 306.976



41, 27.766, 332.526



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, 98.954, 337.835



58, 99.023, 338.105



54, 86.553, 19.468



50, 7.909, 330.931



43, 79.960, 337.899



11, 37.442, 336.512

Inverse Universe

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



58, 98.954, 337.835



58, 99.023, 338.105



89, 71.850, 160.623



50, 7.909, 330.931



43, 79.960, 337.899



11, 37.442, 336.512

Previews

White Background



This preview shows how the CIELCh color 58, 98.984, 337.928 looks on a white background.

Color Contrast Check

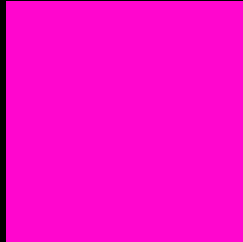
Large Text (above 18pt) WCAG AA ✓ Pass

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, 98.984, 337.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

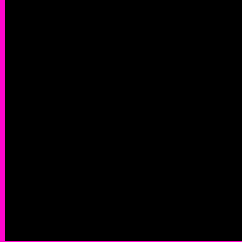
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 98.984, 337.928

Background



This preview shows how black text looks on a background with the CIELCh color 58, 98.984, 337.928.



This preview shows how white text looks on a background with the CIELCh color 58, 98.984, 337.928.

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, 98.847, 337.936

Protanopia

59, 67.624, 286.982

Deuteranopia

58, 31.433, 284.952



Tritanopia
58, 70.751, 27.637

Trichromacy



Original Color
58, 98.847, 337.936



Protanomaly
51, 85.496, 308.649



Deuteranomaly
52, 66.035, 319.505



Tritanomaly
56, 75.773, 3.795

Monochromacy



Original Color
58, 98.847, 337.936



Achromatopsia
44, 0.006, 296.813



Achromatomaly
43, 52.099, 333.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 98.984, 337.928 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 6, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 6, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 98.984, 337.928 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, 206) }
```

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

```
.border{ border-color:rgb(255, 6, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 6, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 6, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 6,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 98.984, 337.928 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, 206) }
```

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

```
.background{ background-color: rgb(255, 6,  
206) }
```

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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