

Converting Colors

CIELCh(57, 95.004, 337.995)

Have a look what the booklet for
CIELCh(57, 95.004, 337.995)
contains.

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Color

CIELCh(57, 95.132, 337.871)

Conversions

Conversions Part 1

Format	Color
Hex	F819C9
RGB	248, 25, 201
RGB Percent	97%, 10%, 79%
CMY	0.0268, 0.9003, 0.2112
CMYK	0.00, 0.90, 0.19, 0.03
HSL	313°, 94%, 54%
HSV	313°, 90%, 97%
XYZ	49.6856, 24.9227, 57.5415
YIQ	111.7410, 76.4120, 102.0120

Conversions

Conversions Part 2

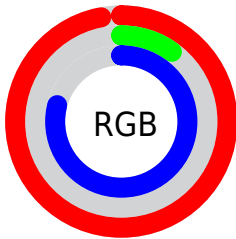
Format	Color
R _Y B	248, 25, 201
Decimal	16259529
CIE Lab	57.00, 88.12, -35.84
CIE LCh	57, 95.132, 337.871
Yxy	24.9227, 0.3760, 0.1886
Android (android.graphics.Color)	4294449609 (0xFFF819C9)
YUV	111.7410, 44.0047, 119.4991
Hunter-Lab	49.9226, 90.2880, -33.3927

Details

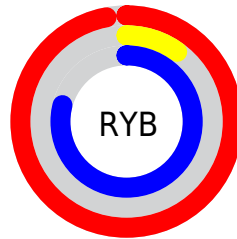
The CIELCh color **57, 95.132, 337.871** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **86, 104.756, 140.134**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.081, 327.393**, and **42, 77.273, 339.364** is the 20% darker color. If you saturate the color by 10%, you get **56, 95.876, 339.051**, and if you desaturate by 10%, it is **59, 91.764, 336.842**.

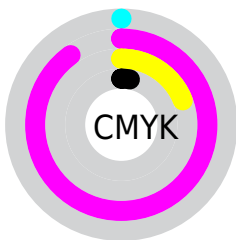
Distribution



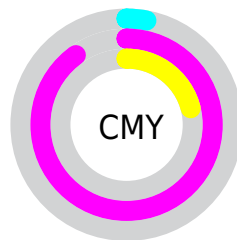
- Red (97%)
- Green (10%)
- Blue (79%)



- Red (97%)
- Yellow (10%)
- Blue (79%)



- Cyan (0%)
- Magenta (90%)
- Yellow (19%)
- Black (3%)





- Cyan (3%)
- Magenta (90%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 95.132, 337.871 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 57, 95.132, 337.871 by changing the saturation by 10% instead.


 57, 95.132,
337.871


 57, 95.132,
337.871


 100, 95.132,
337.871


 47, 95.132,
337.871


 77, 95.132,
337.871

 37, 95.132,
337.871

 87, 95.132,
337.871

 27, 95.132,
337.871

 97, 95.132,
337.871

 17, 95.132,
337.871

 7, 95.132, 337.871

 0, 95.132, 337.871

■ 57, 95.132,
337.871

■ 57, 95.132,
337.871

■ 56, 95.876,
339.051

■ 59, 91.764,
336.842

■ 56, 95.883,
339.081

■ 61, 85.476,
335.932

■ 65, 76.592,
335.102

■ 69, 65.683,
334.324

■ 74, 53.379,
333.583

■ 80, 40.244,
332.870

■ 86, 26.721,
332.181

■ 92, 13.130,

331.508

■ 98, 0.316, 152.068

Harmonies

Complementary

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



57, 95.132, 337.871



86, 104.756, 140.134

Rectangle

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



57, 95.132, 337.871



57, 95.132, 27.871



57, 95.132, 157.871



57, 95.132, 207.871

Sweetspot

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



57, 95.128, 337.871



83, 37.353, 332.680



36, 123.298, 307.017



42, 25.147, 332.919



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 95.128, 337.871



58, 97.855, 339.100



53, 81.999, 16.619



49, 7.692, 331.491



43, 78.254, 338.858



11, 36.113, 337.242

Inverse Universe

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



57, 95.128, 337.871



58, 97.855, 339.100



87, 66.255, 163.648



49, 7.692, 331.491



43, 78.254, 338.858



11, 36.113, 337.242

Previews

White Background



This preview shows how the CIELCh color 57, 95.132, 337.871 looks on a white background.

Color Contrast Check

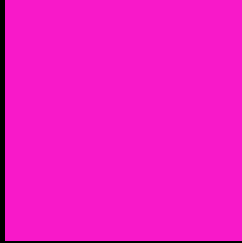
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 95.132, 337.871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

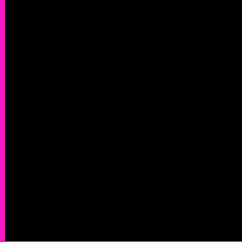
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 95.132, 337.871

Background



This preview shows how black text looks on a background with the CIELCh color 57, 95.132, 337.871.

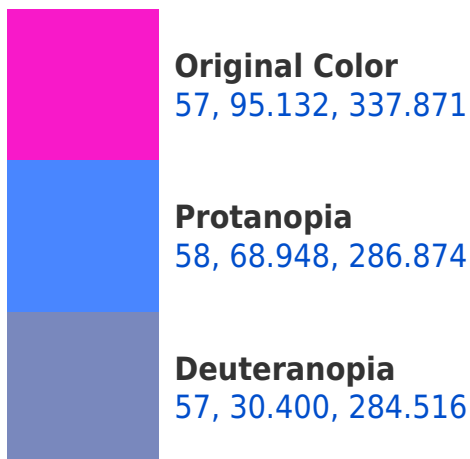


This preview shows how white text looks on a background with the CIELCh color 57, 95.132, 337.871.

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
57, 67.714, 27.488

Trichromacy



Original Color
57, 95.132, 337.871



Protanomaly
51, 81.009, 306.525



Deuteranomaly
52, 59.766, 318.809



Tritanomaly
56, 71.834, 4.114

Monochromacy



Original Color
57, 95.132, 337.871



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 46.431, 334.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 95.132, 337.871 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(248, 25, 201)` looks like.

```
.text, #text, p{  
    color:rgb(248, 25, 201)  
}
```

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(248, 25, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 25, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 95.132, 337.871 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(248, 25, 201) }
```

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

```
.border{ border-color:rgb(248, 25, 201) }
```

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

Here you see how a box with a 4 pixel rgb(248, 25, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 25, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 25, 201);  
box-shadow:4px 4px 4px 4px rgb(248, 25,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 95.132, 337.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 25, 201) }
```

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

```
.background{ background-color: rgb(248, 25,  
201) }
```

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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