

Converting Colors

CIELCh(56, 95.877, 339.194)

Have a look what the booklet for
CIELCh(56, 95.877, 339.194)
contains.

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Color

CIELCh(56, 95.648, 339.249)

Conversions

Conversions Part 1

Format	Color
Hex	F800C3
RGB	248, 0, 195
RGB Percent	97%, 0%, 76%
CMY	0.0273, 0.9989, 0.2351
CMYK	0.00, 1.00, 0.21, 0.03
HSL	313°, 100%, 49%
HSV	313°, 100%, 97%
XYZ	48.5867, 23.9124, 53.7108
YIQ	96.3820, 85.2130, 113.2210

Conversions

Conversions Part 2

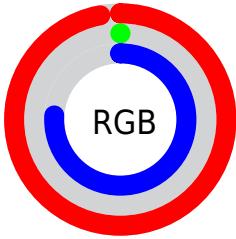
Format	Color
R_{YB}	248, 0, 195
Decimal	16253123
CIE _{Lab}	56.00, 89.44, -33.89
CIE _{LCh}	56, 95.648, 339.249
Yxy	23.9124, 0.3850, 0.1895
Android (android.graphics.Color)	4294443203 (0xFFFF800C3)
YUV	96.3820, 48.6187, 132.9690
Hunter-Lab	48.9003, 91.7798, -30.8923

Details

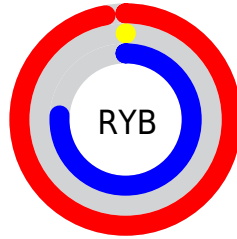
The CIELCh color **56, 95.648, 339.249** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **86, 110.292, 138.569**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.717, 328.080**, and **42, 75.726, 340.828** is the 20% darker color. If you saturate the color by 10%, you get **56, 95.647, 339.263**, and if you desaturate by 10%, it is **57, 94.930, 338.047**.

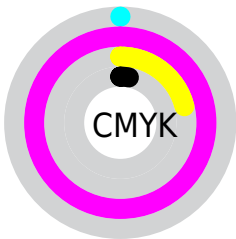
Distribution



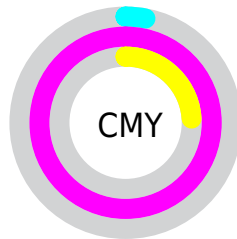
- Red (97%)
- Green (0%)
- Blue (76%)



- Red (97%)
- Yellow (0%)
- Blue (76%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (3%)





- Cyan (3%)
- Magenta (100%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 95.648, 339.249 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 56, 95.648, 339.249 by changing the saturation by 10% instead.


 56, 95.648,
339.249


 56, 95.648,
339.249


 100, 95.648,
339.249


 46, 95.648,
339.249


 76, 95.648,
339.249

 36, 95.648,
339.249

 86, 95.648,
339.249

 26, 95.648,
339.249

 96, 95.648,
339.249

 16, 95.648,
339.249

 6, 95.648, 339.249

 0, 95.648, 339.249

■ 56, 95.648,
339.249

■ 56, 95.648,
339.249

■ 56, 95.647,
339.263

■ 57, 94.930,
338.047

■ 59, 91.619,
336.999

■ 61, 85.387,
336.076

■ 65, 76.554,
335.236

■ 69, 65.692,
334.451

■ 74, 53.429,
333.704

■ 80, 40.330,
332.987

■ 85, 26.841,

332.295

91, 13.281,
331.620

Harmonies

Complementary

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



56, 95.648, 339.249



86, 110.292, 138.569

Rectangle

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



56, 95.648, 339.249



56, 95.648, 29.249



56, 95.648, 159.249



56, 95.648, 209.249

Sweetspot

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



56, 95.644, 339.249



82, 41.392, 332.998



33, 129.246, 307.137



41, 28.180, 333.297



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 95.644, 339.249



58, 97.648, 339.283



52, 86.368, 22.202



49, 7.677, 331.593



43, 78.091, 339.036



11, 36.046, 337.390

Inverse Universe

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



56, 95.644, 339.249



58, 97.648, 339.283



87, 69.619, 161.445



49, 7.677, 331.593



43, 78.091, 339.036



11, 36.046, 337.390

Previews

White Background



This preview shows how the CIE LCh color 56, 95.648, 339.249 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 56, 95.648, 339.249 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 56, 95.648, 339.249

Background



This preview shows how black text looks on a background with the CIELCh color 56, 95.648, 339.249.

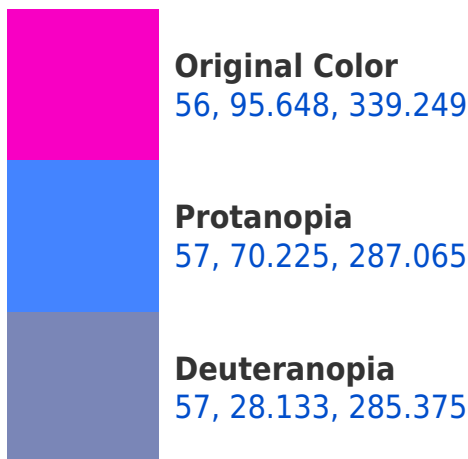


This preview shows how white text looks on a background with the CIELCh color 56, 95.648, 339.249.

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
56, 70.468, 28.278

Trichromacy



Original Color
56, 95.648, 339.249



Protanomaly
49, 86.428, 307.642



Deuteranomaly
50, 63.527, 321.478



Tritanomaly
55, 74.791, 5.241

Monochromacy



Original Color
56, 95.648, 339.249



Achromatopsia
41, 0.006, 296.813



Achromatomaly
41, 51.374, 334.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 95.648, 339.249 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, 0, 195)` looks like.

```
.text, #text, p{  
    color:rgb(248, 0, 195)  
}
```

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, 0, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 0, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 95.648, 339.249 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, 0, 195) }
```

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

```
.border{ border-color:rgb(248, 0, 195) }
```

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

Here you see how a box with a 4 pixel rgb(248, 0, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 0, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 0, 195);  
box-shadow:4px 4px 4px 4px rgb(248, 0,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 95.648, 339.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 0, 195) }
```

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

```
.background{ background-color: rgb(248, 0,  
195) }
```

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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