

Converting Colors

CIELCh(56, 88.375, 350.306)

Have a look what the booklet for
CIELCh(56, 88.375, 350.306)
contains.

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Color

CIELCh(56, 88.473, 350.249)

Conversions

Conversions Part 1

Format	Color
Hex	FF03A3
RGB	255, 3, 163
RGB Percent	100%, 1%, 64%
CMY	0.0010, 0.9884, 0.3616
CMYK	0.00, 0.99, 0.36, 0.00
HSL	322°, 100%, 51%
HSV	322°, 99%, 100%
XYZ	47.7716, 23.9124, 36.6489
YIQ	96.5880, 98.8320, 103.1840

Conversions

Conversions Part 2

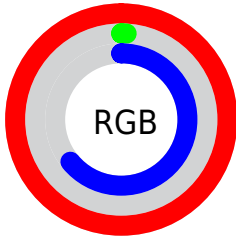
Format	Color
RYB	255, 3, 163
Decimal	16712611
CIELab	56.00, 87.19, -14.98
CIELCh	56, 88.473, 350.249
Yxy	23.9124, 0.4410, 0.2207
Android (android.graphics.Color)	4294902691 (0xFFFF03A3)
YUV	96.5880, 32.7411, 138.9273
Hunter-Lab	48.9003, 88.8043, -10.2053

Details

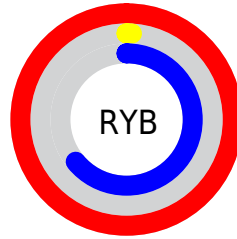
The CIELCh color **56, 88.473, 350.249** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **88, 101.193, 143.113**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 76.945, 336.489**, and **42, 69.926, 354.907** is the 20% darker color. If you saturate the color by 10%, you get **56, 88.476, 350.566**, and if you desaturate by 10%, it is **57, 87.845, 347.685**.

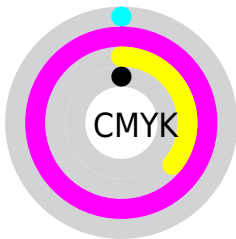
Distribution



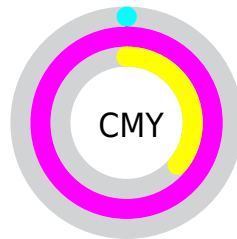
- Red (100%)
- Green (1%)
- Blue (64%)



- Red (100%)
- Yellow (1%)
- Blue (64%)



- Cyan (0%)
- Magenta (99%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (99%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 88.473, 350.249 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, 88.473, 350.249 by changing the saturation by 10% instead.

 56, 88.473,
350.249

 56, 88.473,
350.249

 100, 88.473,
350.249

 46, 88.473,
350.249


 76, 88.473,
350.249

 36, 88.473,
350.249

 86, 88.473,
350.249

 26, 88.473,
350.249

 96, 88.473,
350.249

 16, 88.473,
350.249

 6, 88.473, 350.249

 0, 88.473, 350.249

■ 56, 88.473,
350.249

■ 56, 88.473,
350.249

■ 56, 88.476,
350.566

■ 57, 87.845,
347.685

■ 59, 84.601,
345.603

■ 62, 78.538,
343.916

■ 66, 70.026,
342.516

■ 71, 59.670,
341.320

■ 76, 48.100,
340.271

■ 82, 35.860,
339.330

■ 88, 23.357,

338.468

94, 10.876,
337.659

Harmonies

Complementary

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



56, 88.473, 350.249



88, 101.193, 143.113

Rectangle

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



56, 88.473, 350.249



56, 88.473, 40.249



56, 88.473, 170.249



56, 88.473, 220.249

Sweetspot

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



56, 88.469, 350.250



81, 37.333, 339.435



37, 128.335, 308.885



41, 25.443, 339.825



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, 88.469, 350.250



56, 88.541, 350.568



53, 96.283, 33.470



50, 7.007, 337.713



42, 71.548, 350.043



11, 33.739, 346.546

Inverse Universe

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



56, 88.469, 350.250



56, 88.541, 350.568



90, 58.371, 176.072



50, 7.007, 337.713



42, 71.548, 350.043



11, 33.739, 346.546

Previews

White Background



This preview shows how the CIELCh color 56, 88.473, 350.249 looks on a white background.

Color Contrast Check

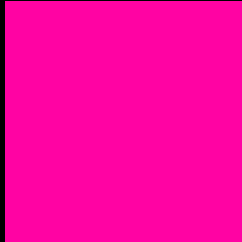
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.473, 350.249 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, 88.473, 350.249

Background



This preview shows how black text looks on a background with the CIELCh color 56, 88.473, 350.249.



This preview shows how white text looks on a background with the CIELCh color 56, 88.473, 350.249.

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



Original Color

56, 88.541, 350.235

Protanopia

57, 57.831, 286.533

Deuteranopia

56, 11.445, 308.708



Tritanopia
56, 80.562, 31.157

Trichromacy



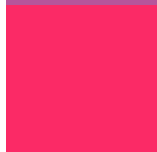
Original Color
56, 88.541, 350.235



Protanomaly
49, 72.517, 313.248



Deuteranomaly
50, 51.991, 337.444



Tritanomaly
55, 79.525, 14.568

Monochromacy



Original Color
56, 88.541, 350.235



Achromatopsia
41, 0.006, 296.813



Achromatomaly
41, 47.259, 342.614

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 88.473, 350.249 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(255, 3, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 3, 163)  
}
```

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, 3, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 3, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 88.473, 350.249 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(255, 3, 163) }
```

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

```
.border{ border-color:rgb(255, 3, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 3, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 3, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 3, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 3,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 88.473, 350.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 3, 163) }
```

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

```
.background{ background-color: rgb(255, 3,  
163) }
```

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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