

Converting Colors

CIELCh(56, 99.603, 334.738)

Have a look what the booklet for
CIELCh(56, 99.603, 334.738)
contains.

CIELCh(56, 99.566, 334.633)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(56, 99.566, 334.633)

Conversions

Conversions Part 1

Format	Color
Hex	F307D2
RGB	243, 7, 210
RGB Percent	95%, 3%, 82%
CMY	0.0461, 0.9722, 0.1756
CMYK	0.00, 0.97, 0.14, 0.05
HSL	308°, 94%, 49%
HSV	308°, 97%, 95%
XYZ	48.7776, 23.9124, 63.1549
YIQ	100.7060, 75.4930, 113.1650

Conversions

Conversions Part 2

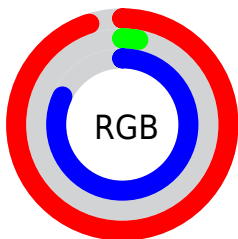
Format	Color
RYB	243, 7, 210
Decimal	15927250
CIELab	56.00, 89.97, -42.66
CIELCh	56, 99.566, 334.633
Yxy	23.9124, 0.3591, 0.1760
Android (android.graphics.Color)	4294117330 (0xFFFF307D2)
YUV	100.7060, 53.8819, 124.7918
Hunter-Lab	48.9003, 92.4765, -42.3430

Details

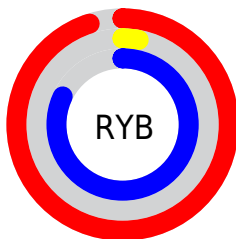
The CIELCh color **56, 99.566, 334.633** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **84, 111.006, 137.543**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.426, 327.467**, and **42, 79.895, 335.164** is the 20% darker color. If you saturate the color by 10%, you get **56, 99.760, 334.842**, and if you desaturate by 10%, it is **57, 97.885, 333.941**.

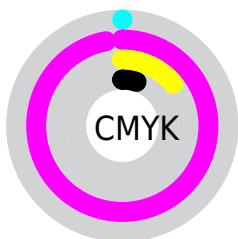
Distribution



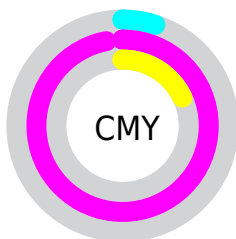
- Red (95%)
- Green (3%)
- Blue (82%)



- Red (95%)
- Yellow (3%)
- Blue (82%)



- Cyan (0%)
- Magenta (97%)
- Yellow (14%)
- Black (5%)





- Cyan (5%)
- Magenta (97%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 99.566, 334.633 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, 99.566, 334.633 by changing the saturation by 10% instead.


 56, 99.566,
334.633


 56, 99.566,
334.633


 100, 99.566,
334.633


 46, 99.566,
334.633


 76, 99.566,
334.633

 36, 99.566,
334.633

 86, 99.566,
334.633

 26, 99.566,
334.633

 96, 99.566,
334.633

 16, 99.566,
334.633

 6, 99.566, 334.633

 0, 99.566, 334.633

■ 56, 99.566,
334.633

■ 56, 99.566,
334.633

■ 56, 99.760,
334.842

■ 57, 97.885,
333.941

■ 59, 93.380,
333.292

■ 62, 86.029,
332.664

■ 65, 76.218,
332.040

■ 70, 64.530,
331.414

■ 75, 51.574,
330.784

■ 80, 37.884,
330.155

■ 86, 23.877,

329.530

 92, 9.849, 328.902

Harmonies

Complementary

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



56, 99.566, 334.633



84, 111.006, 137.543

Rectangle

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



56, 99.566, 334.633



56, 99.566, 24.633



56, 99.566, 154.633



56, 99.566, 204.633

Sweetspot

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



56, 99.563, 334.633



82, 42.123, 330.280



32, 126.833, 306.616



41, 28.842, 330.549



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, 99.563, 334.633



58, 103.365, 334.861



52, 81.850, 14.377



48, 7.954, 329.055



43, 81.766, 334.716



10, 36.879, 333.742

Inverse Universe

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



56, 99.563, 334.633



58, 103.365, 334.861



85, 73.431, 157.184



48, 7.954, 329.055



43, 81.766, 334.716



10, 36.879, 333.742

Previews

White Background



This preview shows how the CIELCh color 56, 99.566, 334.633 looks on a white background.

Color Contrast Check

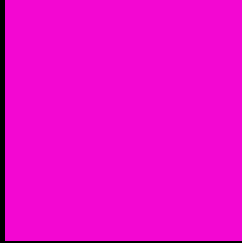
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99.566, 334.633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

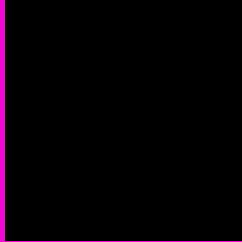
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 99.566, 334.633

Background



This preview shows how black text looks on a background with the CIELCh color 56, 99.566, 334.633.



This preview shows how white text looks on a background with the CIELCh color 56, 99.566, 334.633.

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, 99.494, 334.635

Protanopia

57, 70.853, 287.227

Deuteranopia

56, 36.427, 282.399



Tritanopia
56, 64.640, 26.502

Trichromacy



Original Color
56, 99.494, 334.635



Protanomaly
49, 88.436, 306.627



Deuteranomaly
50, 68.464, 315.363



Tritanomaly
54, 72.185, 0.265

Monochromacy



Original Color
56, 99.494, 334.635



Achromatopsia
43, 0.006, 296.813



Achromatomaly
42, 51.898, 331.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 99.566, 334.633 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(243, 7, 210)` looks like.

```
.text, #text, p{  
    color:rgb(243, 7, 210)  
}
```

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(243, 7, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 7, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 99.566, 334.633 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(243, 7, 210) }
```

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

```
.border{ border-color:rgb(243, 7, 210) }
```

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

Here you see how a box with a 4 pixel rgb(243, 7, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 7, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 7, 210);  
box-shadow:4px 4px 4px 4px rgb(243, 7,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 99.566, 334.633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 7, 210) }
```

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

```
.background{ background-color: rgb(243, 7,  
210) }
```

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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