

Converting Colors

CIELCh(56, 89.073, 349.605)

Have a look what the booklet for
CIELCh(56, 89.073, 349.605)
contains.

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Color

CIELCh(56, 89.119, 349.538)

Conversions

Conversions Part 1

Format	Color
Hex	FF00A5
RGB	255, 0, 165
RGB Percent	100%, 0%, 65%
CMY	0.0008, 1.0000, 0.3536
CMYK	0.00, 1.00, 0.35, 0.00
HSL	321°, 100%, 50%
HSV	321°, 100%, 100%
XYZ	47.9313, 23.9124, 37.6039
YIQ	95.0550, 99.0150, 105.3750

Conversions

Conversions Part 2

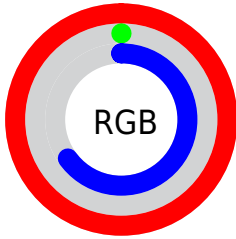
Format	Color
R_{YB}	255, 0, 165
Decimal	16711845
CIE _{Lab}	56.00, 87.64, -16.18
CIE _{LCh}	56, 89.119, 349.538
Yxy	23.9124, 0.4379, 0.2185
Android (android.graphics.Color)	4294901925 (0xFFFF00A5)
YUV	95.0550, 34.4829, 140.2718
Hunter-Lab	48.9003, 89.3874, -11.3633

Details

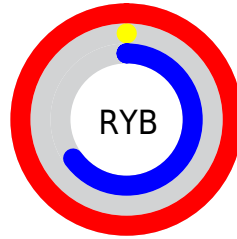
The CIELCh color **56, 89.119, 349.538** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **88, 102.874, 142.447**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 78.077, 335.870**, and **42, 70.217, 353.987** is the 20% darker color. If you saturate the color by 10%, you get **56, 89.058, 349.550**, and if you desaturate by 10%, it is **57, 88.640, 347.070**.

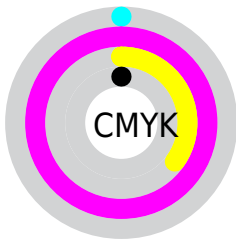
Distribution



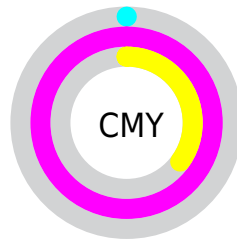
- Red (100%)
- Green (0%)
- Blue (65%)



- Red (100%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 89.119, 349.538 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, 89.119, 349.538 by changing the saturation by 10% instead.


 56, 89.119,
349.538


 56, 89.119,
349.538


 100, 89.119,
349.538


 46, 89.119,
349.538


 76, 89.119,
349.538

 36, 89.119,
349.538

 86, 89.119,
349.538

 26, 89.119,
349.538

 96, 89.119,
349.538

 16, 89.119,
349.538

 6, 89.119, 349.538

 0, 89.119, 349.538

■ 56, 89.119,
349.538

■ 56, 89.119,
349.538

■ 56, 89.058,
349.550

■ 57, 88.640,
347.070

■ 59, 85.725,
345.035

■ 62, 79.953,
343.381

■ 66, 71.655,
342.006

■ 70, 61.420,
340.830

■ 75, 49.887,
339.795

■ 81, 37.613,
338.864

■ 87, 25.027,

338.010

93, 12.428,
337.210

Harmonies

Complementary

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



56, 89.119, 349.538



88, 102.874, 142.447

Rectangle

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



56, 89.119, 349.538



56, 89.119, 39.538



56, 89.119, 169.538



56, 89.119, 219.538

Sweetspot

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



56, 89.058, 349.550



81, 37.637, 338.864



37, 128.924, 308.842



41, 25.647, 339.246



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, 89.058, 349.550



56, 89.111, 349.551



53, 97.069, 33.994



50, 7.068, 337.171



42, 72.011, 349.052



11, 33.961, 345.734

Inverse Universe

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



56, 89.058, 349.550



56, 89.111, 349.551



90, 58.570, 175.888



50, 7.068, 337.171



42, 72.011, 349.052



11, 33.961, 345.734

Previews

White Background



This preview shows how the CIELCh color 56, 89.119, 349.538 looks on a white background.

Color Contrast Check

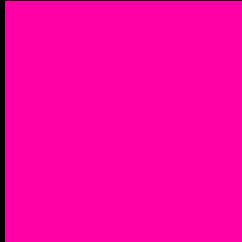
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89.119, 349.538 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, 89.119, 349.538

Background



This preview shows how black text looks on a background with the CIELCh color 56, 89.119, 349.538.



This preview shows how white text looks on a background with the CIELCh color 56, 89.119, 349.538.

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, 89.119, 349.538

Protanopia

57, 59.512, 286.704

Deuteranopia

56, 12.440, 305.515



Tritanopia
56, 80.359, 31.351

Trichromacy



Original Color
56, 89.119, 349.538



Protanomaly
49, 74.582, 312.549



Deuteranomaly
50, 53.259, 336.444



Tritanomaly
55, 79.618, 14.055

Monochromacy



Original Color
56, 89.119, 349.538



Achromatopsia
40, 0.006, 296.813



Achromatomaly
40, 48.102, 341.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 89.119, 349.538 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, 0, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 165)  
}
```

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, 0, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 89.119, 349.538 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, 0, 165) }
```

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

```
.border{ border-color:rgb(255, 0, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 0, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 89.119, 349.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 165) }
```

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

```
.background{ background-color: rgb(255, 0,  
165) }
```

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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