

Converting Colors

CIELCh(56, 89.970, 347.112)

Have a look what the booklet for
CIELCh(56, 89.970, 347.112)
contains.

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Color

CIELCh(56, 89.857, 347.222)

Conversions

Conversions Part 1

Format	Color
Hex	FD03AB
RGB	253, 3, 171
RGB Percent	99%, 1%, 67%
CMY	0.0075, 0.9867, 0.3292
CMYK	0.00, 0.99, 0.32, 0.01
HSL	320°, 98%, 50%
HSV	320°, 99%, 99%
XYZ	47.9292, 23.9124, 40.6505
YIQ	96.9020, 95.0720, 105.2480

Conversions

Conversions Part 2

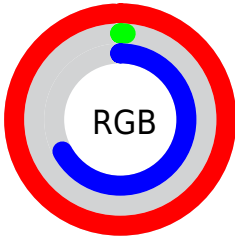
Format	Color
R_{YB}	253, 3, 171
Decimal	16581547
CIE _{Lab}	56.00, 87.63, -19.87
CIE _{LCh}	56, 89.857, 347.222
Yxy	23.9124, 0.4261, 0.2126
Android (android.graphics.Color)	4294771627 (0xFFFD03AB)
YUV	96.9020, 36.5303, 136.8979
Hunter-Lab	48.9003, 89.3797, -15.0571

Details

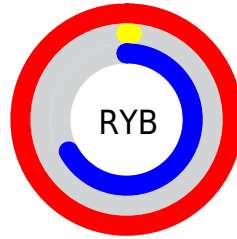
The CIELCh color **56, 89.857, 347.222** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **87, 103.511, 141.884**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 80.122, 334.194**, and **42, 71.055, 351.014** is the 20% darker color. If you saturate the color by 10%, you get **56, 89.854, 347.534**, and if you desaturate by 10%, it is **57, 89.219, 345.041**.

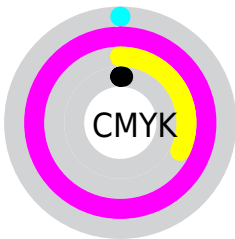
Distribution



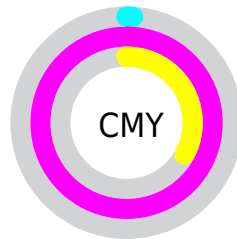
- Red (99%)
- Green (1%)
- Blue (67%)



- Red (99%)
- Yellow (1%)
- Blue (67%)



- Cyan (0%)
- Magenta (99%)
- Yellow (32%)
- Black (1%)





- Cyan (1%)
- Magenta (99%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 89.857, 347.222 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, 89.857, 347.222 by changing the saturation by 10% instead.

 56, 89.857,
347.222


 56, 89.857,
347.222


 100, 89.857,
347.222


 46, 89.857,
347.222


 76, 89.857,
347.222

 36, 89.857,
347.222

 86, 89.857,
347.222

 26, 89.857,
347.222

 96, 89.857,
347.222

 16, 89.857,
347.222

 6, 89.857, 347.222

 0, 89.857, 347.222

■ 56, 89.857,
347.222

■ 56, 89.857,
347.222

■ 56, 89.854,
347.534

■ 57, 89.219,
345.041

■ 59, 85.896,
343.255

■ 62, 79.719,
341.784

■ 66, 71.067,
340.543

■ 71, 60.546,
339.463

■ 76, 48.788,
338.499

■ 82, 36.335,
337.620

■ 88, 23.602,

336.806

94, 10.876,
336.034

Harmonies

Complementary

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



56, 89.857, 347.222



87, 103.511, 141.884

Rectangle

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



56, 89.857, 347.222



56, 89.857, 37.222



56, 89.857, 167.222



56, 89.857, 217.222

Sweetspot

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



56, 89.853, 347.223



81, 38.267, 337.735



36, 128.369, 308.408



41, 26.071, 338.101



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, 89.853, 347.223



56, 90.364, 347.544



53, 93.551, 31.124



50, 7.193, 336.100



42, 73.027, 347.098



11, 34.433, 344.130

Inverse Universe

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



56, 89.853, 347.223



56, 90.364, 347.544



89, 60.529, 172.432



50, 7.193, 336.100



42, 73.027, 347.098



11, 34.433, 344.130

Previews

White Background



This preview shows how the CIELCh color 56, 89.857, 347.222 looks on a white background.

Color Contrast Check

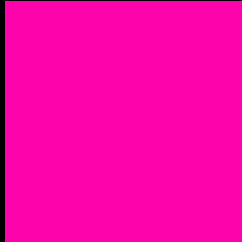
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89.857, 347.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

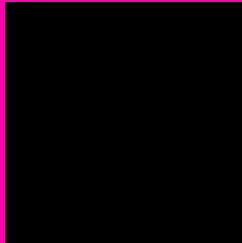
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 89.857, 347.222

Background



This preview shows how black text looks on a background with the CIELCh color 56, 89.857, 347.222.



This preview shows how white text looks on a background with the CIELCh color 56, 89.857, 347.222.

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, 89.857, 347.222

Protanopia

57, 64.037, 286.811

Deuteranopia

56, 16.176, 298.516



Tritanopia
56, 77.841, 30.764

Trichromacy



Original Color
56, 89.857, 347.222



Protanomaly
49, 77.533, 310.606



Deuteranomaly
50, 54.808, 332.425



Tritanomaly
55, 77.977, 12.504

Monochromacy



Original Color
56, 89.857, 347.222



Achromatopsia
41, 0.006, 296.813



Achromatomaly
41, 47.998, 340.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 89.857, 347.222 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(253, 3, 171)` looks like.

```
.text, #text, p{  
    color:rgb(253, 3, 171)  
}
```

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(253, 3, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 3, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 89.857, 347.222 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(253, 3, 171) }
```

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

```
.border{ border-color:rgb(253, 3, 171) }
```

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

Here you see how a box with a 4 pixel rgb(253, 3, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 3, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 3, 171);  
box-shadow:4px 4px 4px 4px rgb(253, 3,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 89.857, 347.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 3, 171) }
```

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

```
.background{ background-color: rgb(253, 3,  
171) }
```

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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