

Converting Colors

CIELCh(56, 89.455, 347.884)

Have a look what the booklet for
CIELCh(56, 89.455, 347.884)
contains.

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Color

CIELCh(56, 89.368, 347.866)

Conversions

Conversions Part 1

Format	Color
Hex	FD05A9
RGB	253, 5, 169
RGB Percent	99%, 2%, 66%
CMY	0.0069, 0.9798, 0.3364
CMYK	0.00, 0.98, 0.33, 0.01
HSL	320°, 99%, 51%
HSV	320°, 98%, 99%
XYZ	47.8353, 23.9124, 39.7353
YIQ	97.8480, 95.1640, 103.5800

Conversions

Conversions Part 2

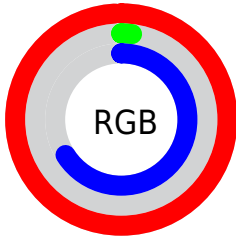
Format	Color
R_{YB}	253, 5, 169
Decimal	16582057
CIE _{Lab}	56.00, 87.37, -18.79
CIE _{LCh}	56, 89.368, 347.866
Yxy	23.9124, 0.4291, 0.2145
Android (android.graphics.Color)	4294772137 (0xFFFD05A9)
YUV	97.8480, 35.0779, 136.0683
Hunter-Lab	48.9003, 89.0367, -13.9475

Details

The CIELCh color **56, 89.368, 347.866** 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, 102.360, 142.363**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 78.964, 334.766**, and **42, 70.696, 351.898** is the 20% darker color. If you saturate the color by 10%, you get **56, 89.366, 348.360**, and if you desaturate by 10%, it is **57, 88.594, 345.609**.

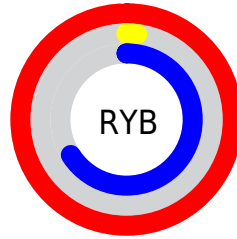
Distribution



Red (99%)

Green (2%)

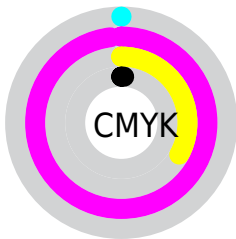
Blue (66%)



Red (99%)

Yellow (2%)

Blue (66%)

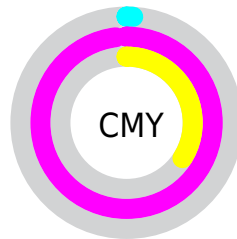


Cyan (0%)

Magenta (98%)

Yellow (33%)

Black (1%)



Cyan (1%)

Magenta (98%)


Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 89.368, 347.866 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, 89.368, 347.866 by changing the saturation by 10% instead.

 56, 89.368,
347.866


 56, 89.368,
347.866


 100, 89.368,
347.866


 46, 89.368,
347.866


 76, 89.368,
347.866

 36, 89.368,
347.866

 86, 89.368,
347.866

 26, 89.368,
347.866

 96, 89.368,
347.866

 16, 89.368,
347.866

 6, 89.368, 347.866

 0, 89.368, 347.866

■ 56, 89.368,
347.866

■ 56, 89.368,
347.866

■ 56, 89.366,
348.360

■ 57, 88.594,
345.609

■ 59, 85.085,
343.771

■ 62, 78.748,
342.263

■ 66, 69.986,
340.994

■ 71, 59.410,
339.893

■ 76, 47.649,
338.914

■ 82, 35.236,
338.024

■ 88, 22.573,

337.201

 94, 9.936, 336.421

Harmonies

Complementary

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



56, 89.368, 347.866



88, 102.360, 142.363

Rectangle

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



56, 89.368, 347.866



56, 89.368, 37.866



56, 89.368, 167.866



56, 89.368, 217.866

Sweetspot

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



56, 89.364, 347.867



82, 36.741, 338.113



37, 127.718, 308.670



41, 25.185, 338.487



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, 89.364, 347.867



56, 89.827, 348.370



53, 94.204, 31.943



50, 7.140, 336.541



42, 72.593, 347.902



11, 34.233, 344.790

Inverse Universe

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



56, 89.364, 347.867



56, 89.827, 348.370



89, 59.172, 174.349



50, 7.140, 336.541



42, 72.593, 347.902



11, 34.233, 344.790

Previews

White Background



This preview shows how the CIELCh color 56, 89.368, 347.866 looks on a white background.

Color Contrast Check

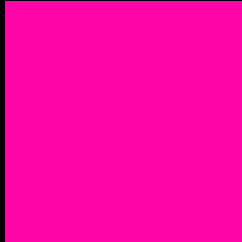
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89.368, 347.866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

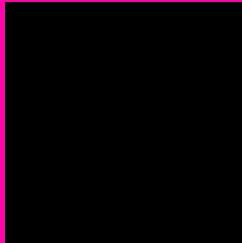
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 89.368, 347.866

Background



This preview shows how black text looks on a background with the CIELCh color 56, 89.368, 347.866.

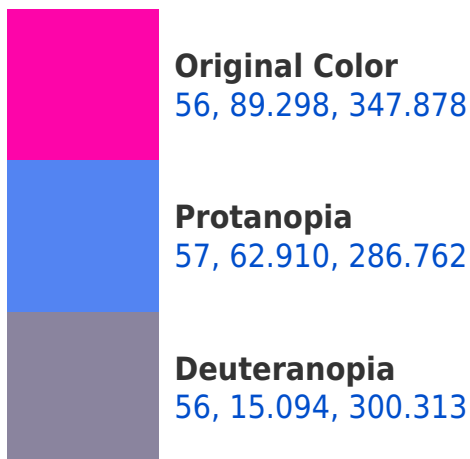


This preview shows how white text looks on a background with the CIELCh color 56, 89.368, 347.866.

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, 78.441, 30.604

Trichromacy



Original Color
56, 89.298, 347.878



Protanomaly
49, 76.444, 310.767



Deuteranomaly
51, 53.626, 333.643



Tritanomaly
55, 78.040, 12.922

Monochromacy



Original Color
56, 89.298, 347.878



Achromatopsia
42, 0.006, 296.813



Achromatomaly
41, 47.455, 340.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 89.368, 347.866 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, 5, 169)` looks like.

```
.text, #text, p{  
    color:rgb(253, 5, 169)  
}
```

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, 5, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 5, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 89.368, 347.866 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, 5, 169) }
```

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

```
.border{ border-color:rgb(253, 5, 169) }
```

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

Here you see how a box with a 4 pixel rgb(253, 5, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 5, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 5, 169);  
box-shadow:4px 4px 4px 4px rgb(253, 5,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 89.368, 347.866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 5, 169) }
```

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

```
.background{ background-color: rgb(253, 5,  
169) }
```

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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