

Converting Colors

CIELCh(56, 89.796, 343.807)

Have a look what the booklet for
CIELCh(56, 89.796, 343.807)
contains.

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Color

CIELCh(56, 89.831, 343.836)

Conversions

Conversions Part 1

Format	Color
Hex	F915B4
RGB	249, 21, 180
RGB Percent	98%, 8%, 71%
CMY	0.0247, 0.9167, 0.2951
CMYK	0.00, 0.91, 0.28, 0.02
HSL	318°, 95%, 53%
HSV	318°, 91%, 98%
XYZ	47.4425, 23.9124, 45.1547
YIQ	107.2980, 84.8490, 97.7850

Conversions

Conversions Part 2

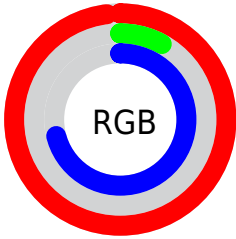
Format	Color
R _{YB}	249, 21, 180
Decimal	16324020
CIE _{Lab}	56.00, 86.28, -25.01
CIE _{LCh}	56, 89.831, 343.836
Yxy	23.9124, 0.4072, 0.2052
Android (android.graphics.Color)	4294514100 (0xFFFF915B4)
YUV	107.2980, 35.8421, 124.2727
Hunter-Lab	48.9003, 87.6030, -20.5183

Details

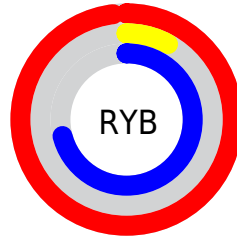
The CIELCh color **56, 89.831, 343.836** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **86, 99.674, 142.516**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 81.802, 331.663**, and **41, 72.164, 346.472** is the 20% darker color. If you saturate the color by 10%, you get **55, 90.076, 345.536**, and if you desaturate by 10%, it is **58, 87.286, 342.148**.

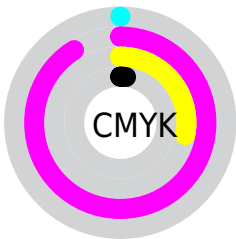
Distribution



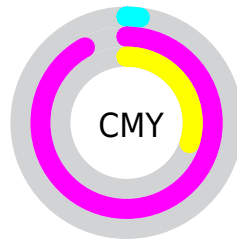
- Red (98%)
- Green (8%)
- Blue (71%)



- Red (98%)
- Yellow (8%)
- Blue (71%)



- Cyan (0%)
- Magenta (91%)
- Yellow (28%)
- Black (2%)





- Cyan (2%)
- Magenta (92%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 89.831, 343.836 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, 89.831, 343.836 by changing the saturation by 10% instead.

 56, 89.831,
343.836


 56, 89.831,
343.836


 100, 89.831,
343.836


 46, 89.831,
343.836


 76, 89.831,
343.836

 36, 89.831,
343.836

 86, 89.831,
343.836

 26, 89.831,
343.836

 96, 89.831,
343.836

 16, 89.831,
343.836

 6, 89.831, 343.836

 0, 89.831, 343.836

56, 89.831,
343.836

56, 89.831,
343.836

55, 90.076,
345.536

58, 87.286,
342.148

60, 81.870,
340.750

64, 73.853,
339.563

68, 63.790,
338.524

73, 52.314,
337.591

79, 39.995,
336.734

85, 27.280,
335.937

91, 14.491,

335.183

■ 97, 1.840, 334.298

Harmonies

Complementary

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



56, 89.831, 343.836



86, 99.674, 142.516

Rectangle

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



56, 89.831, 343.836



56, 89.831, 33.836



56, 89.831, 163.836



56, 89.831, 213.836

Sweetspot

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



56, 89.827, 343.836



83, 35.050, 336.375



37, 123.017, 308.366



42, 23.607, 336.652



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, 89.827, 343.836



57, 91.778, 345.567



53, 86.862, 25.972



49, 7.203, 335.037



42, 73.442, 345.152



10, 34.075, 342.408

Inverse Universe

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



56, 89.827, 343.836



57, 91.778, 345.567



88, 59.399, 172.064



49, 7.203, 335.037



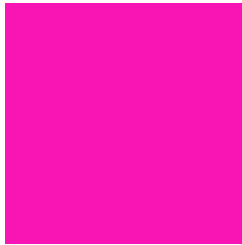
42, 73.442, 345.152



10, 34.075, 342.408

Previews

White Background



This preview shows how the CIELCh color 56, 89.831, 343.836 looks on a white background.

Color Contrast Check

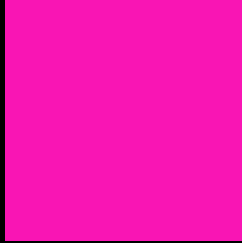
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89.831, 343.836 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, 89.831, 343.836

Background



This preview shows how black text looks on a background with the CIELCh color 56, 89.831, 343.836.

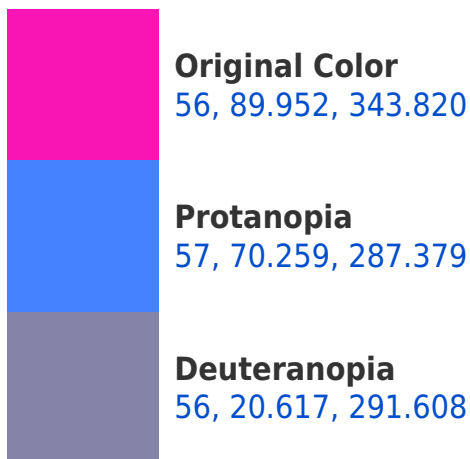


This preview shows how white text looks on a background with the CIELCh color 56, 89.831, 343.836.

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, 73.348, 29.390

Trichromacy



Original Color
56, 89.952, 343.820



Protanomaly
50, 79.209, 306.970



Deuteranomaly
51, 53.255, 327.591



Tritanomaly
55, 74.164, 9.752

Monochromacy



Original Color
56, 89.952, 343.820



Achromatopsia
45, 0.006, 296.813



Achromatomaly
45, 44.762, 338.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 89.831, 343.836 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(249, 21, 180)` looks like.

```
.text, #text, p{  
    color:rgb(249, 21, 180)  
}
```

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(249, 21, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 21, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 89.831, 343.836 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(249, 21, 180) }
```

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

```
.border{ border-color:rgb(249, 21, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 21, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 21, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 21, 180);  
box-shadow:4px 4px 4px 4px rgb(249, 21,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 89.831, 343.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 21, 180) }
```

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

```
.background{ background-color: rgb(249, 21,  
180) }
```

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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