

Converting Colors

CIELCh(56, 86.172, 339.436)

Have a look what the booklet for
CIELCh(56, 86.172, 339.436)
contains.

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Color

CIELCh(56, 86.395, 339.272)

Conversions

Conversions Part 1

Format	Color
Hex	EE2FBD
RGB	238, 47, 189
RGB Percent	93%, 18%, 74%
CMY	0.0663, 0.8152, 0.2585
CMYK	0.00, 0.80, 0.21, 0.07
HSL	315°, 85%, 56%
HSV	315°, 80%, 93%
XYZ	45.5041, 23.9124, 50.4051
YIQ	120.2970, 68.2540, 84.6540

Conversions

Conversions Part 2

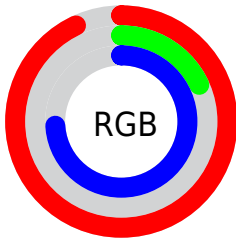
Format	Color
R _Y B	238, 47, 189
Decimal	15609789
CIE Lab	56.00, 80.80, -30.58
CIE LCh	56, 86.395, 339.272
Yxy	23.9124, 0.3798, 0.1996
Android (android.graphics.Color)	4293799869 (0xFFEE2FBD)
YUV	120.2970, 33.8706, 103.2255
Hunter-Lab	48.9003, 80.5272, -26.8843

Details

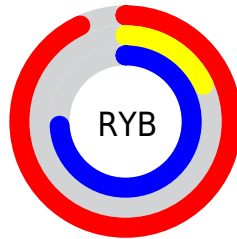
The CIELCh color **56, 86.395, 339.272** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **83, 91.521, 143.186**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 80.640, 329.270**, and **40, 73.273, 340.467** is the 20% darker color. If you saturate the color by 10%, you get **54, 89.385, 340.585**, and if you desaturate by 10%, it is **59, 80.601, 338.152**.

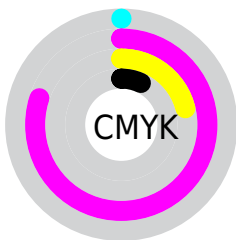
Distribution



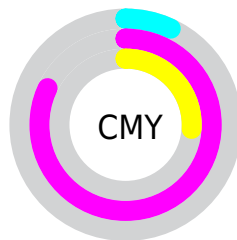
- Red (93%)
- Green (18%)
- Blue (74%)



- Red (93%)
- Yellow (18%)
- Blue (74%)



- Cyan (0%)
- Magenta (80%)
- Yellow (21%)
- Black (7%)





- Cyan (7%)
- Magenta (82%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 86.395, 339.272 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, 86.395, 339.272 by changing the saturation by 10% instead.


 56, 86.395,
339.272


 56, 86.395,
339.272


 100, 86.395,
339.272


 46, 86.395,
339.272


 76, 86.395,
339.272

 36, 86.395,
339.272

 86, 86.395,
339.272

 26, 86.395,
339.272

 96, 86.395,
339.272

 16, 86.395,
339.272

 6, 86.395, 339.272

 0, 86.395, 339.272

■ 56, 86.395,
339.272

■ 56, 86.395,
339.272

■ 54, 89.385,
340.585

■ 59, 80.601,
338.152

■ 53, 89.945,
342.092

■ 62, 72.326,
337.167

■ 66, 62.120,
336.277

■ 71, 50.588,
335.452

■ 76, 38.271,
334.677

■ 82, 25.593,
333.942

■ 88, 12.857,
333.235

■ 94, 0.261, 331.187

Harmonies

Complementary

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



56, 86.395, 339.272



83, 91.521, 143.186

Rectangle

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



56, 86.395, 339.272



56, 86.395, 29.272



56, 86.395, 159.272



56, 86.395, 209.272

Sweetspot

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



56, 86.392, 339.272



85, 32.170, 334.224



39, 109.341, 307.203



43, 22.100, 334.487



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, 86.392, 339.272



57, 94.663, 341.515



53, 75.033, 16.187



47, 7.196, 333.184



41, 74.241, 341.802



9, 33.240, 339.457

Inverse Universe

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



56, 86.392, 339.272



57, 94.663, 341.515



85, 57.122, 169.605



47, 7.196, 333.184



41, 74.241, 341.802



9, 33.240, 339.457

Previews

White Background



This preview shows how the CIELCh color 56, 86.395, 339.272 looks on a white background.

Color Contrast Check

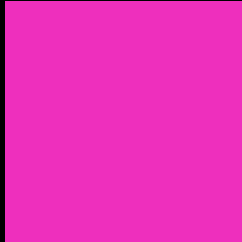
Large Text (above 18pt) WCAG AA ✓ Pass

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, 86.395, 339.272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

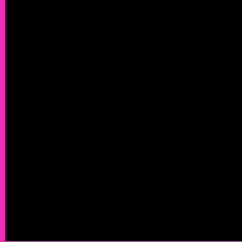
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 86.395, 339.272

Background



This preview shows how black text looks on a background with the CIELCh color 56, 86.395, 339.272.

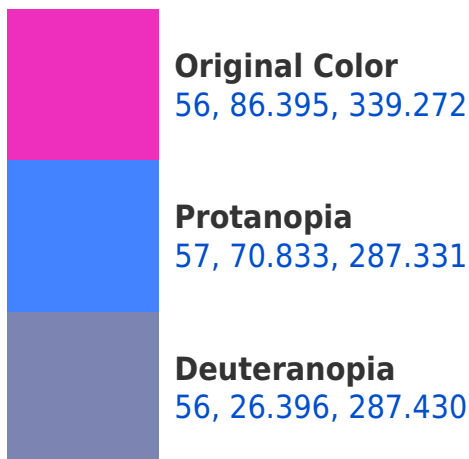


This preview shows how white text looks on a background with the CIELCh color 56, 86.395, 339.272.

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, 63.359, 26.217

Trichromacy



Original Color
56, 86.395, 339.272



Protanomaly
52, 75.286, 303.965



Deuteranomaly
53, 51.141, 320.409



Tritanomaly
55, 65.872, 5.275

Monochromacy



Original Color
56, 86.395, 339.272



Achromatopsia
50, 0.007, 296.813



Achromatomaly
49, 38.980, 335.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 86.395, 339.272 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(238, 47, 189)` looks like.

```
.text, #text, p{  
    color:rgb(238, 47, 189)  
}
```

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(238, 47, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 47, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 86.395, 339.272 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(238, 47, 189) }
```

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

```
.border{ border-color:rgb(238, 47, 189) }
```

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

Here you see how a box with a 4 pixel rgb(238, 47, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 47, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 47, 189);  
box-shadow:4px 4px 4px 4px rgb(238, 47,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 86.395, 339.272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 47, 189) }
```

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

```
.background{ background-color: rgb(238, 47,  
189) }
```

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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