

Converting Colors

CIELCh(59, 56.937, 4.413)

Have a look what the booklet for
CIELCh(59, 56.937, 4.413) contains.

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Color

CIELCh(59, 56.910, 4.351)

Conversions

Conversions Part 1

Format	Color
Hex	E85F89
RGB	232, 95, 137
RGB Percent	91%, 37%, 54%
CMY	0.0915, 0.6286, 0.4639
CMYK	0.00, 0.59, 0.41, 0.09
HSL	342°, 75%, 64%
HSV	342°, 59%, 91%
XYZ	41.7305, 27.0277, 26.5782
YIQ	140.7510, 68.1700, 42.1060

Conversions

Conversions Part 2

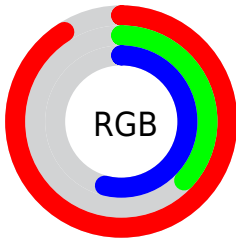
Format	Color
R _Y B	232, 95, 137
Decimal	15228809
CIE Lab	59.00, 56.75, 4.32
CIE LCh	59, 56.910, 4.351
Yxy	27.0277, 0.4377, 0.2835
Android (android.graphics.Color)	4293418889 (0xFFE85F89)
YUV	140.7510, -1.8492, 80.0254
Hunter-Lab	51.9882, 52.3012, 6.0807

Details

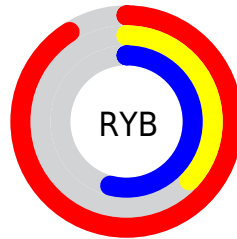
The CIELCh color **59, 56.910, 4.351** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **84, 48.053, 168.720**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 43.764, 355.761**, and **39, 56.871, 4.617** is the 20% darker color. If you saturate the color by 10%, you get **55, 65.156, 7.248**, and if you desaturate by 10%, it is **64, 47.653, 2.061**.

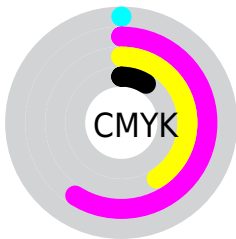
Distribution



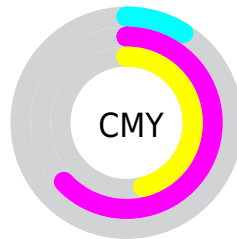
- Red (91%)
- Green (37%)
- Blue (54%)



- Red (91%)
- Yellow (37%)
- Blue (54%)



- Cyan (0%)
- Magenta (59%)
- Yellow (41%)
- Black (9%)



- Cyan (9%)
- Magenta (63%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 56.910, 4.351 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 59, 56.910, 4.351 by changing the saturation by 10% instead.

 59, 56.910, 4.351  59, 56.910, 4.351

 100, 56.910, 4.351  49, 56.910, 4.351

 79, 56.910, 4.351  39, 56.910, 4.351

 89, 56.910, 4.351  29, 56.910, 4.351


 99, 56.910, 4.351  19, 56.910, 4.351

 9, 56.910, 4.351

 0, 56.910, 4.351

 59, 56.910, 4.351  59, 56.910, 4.351

 55, 65.156, 7.248  64, 47.653, 2.061

 52, 71.991, 10.924  69, 37.849, 0.216

■ 50, 77.251, 15.520

■ 74, 27.879,
358.699

■ 49, 81.312, 20.934

■ 80, 18.017,
357.419

■ 49, 81.677, 21.408

■ 86, 8.430, 356.300

■ 92, 0.789, 176.090

■ 98, 8.633, 178.653

■ 98, 7.966, 198.985

Harmonies

Complementary

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



59, 56.910, 4.351



84, 48.053, 168.720

Rectangle

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



59, 56.910, 4.351



59, 56.910, 54.351



59, 56.910, 184.351



59, 56.910, 234.351

Sweetspot

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



59, 56.907, 4.353



88, 18.299, 357.299



57, 80.224, 317.578



45, 12.782, 357.648



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 56.907, 4.353



60, 71.860, 8.002



63, 52.977, 39.172



45, 5.213, 356.335



37, 66.830, 20.342



7, 26.665, 8.122

Inverse Universe

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



59, 56.907, 4.353



60, 71.860, 8.002



78, 33.041, 221.750



45, 5.213, 356.335



37, 66.830, 20.342



7, 26.665, 8.122

Previews

White Background



This preview shows how the CIELCh color 59, 56.910, 4.351 looks on a white background.

Color Contrast Check

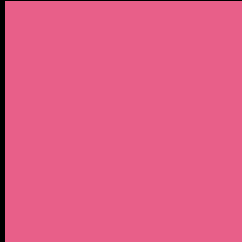
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 56.910, 4.351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

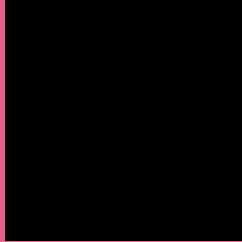
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 56.910, 4.351

Background



This preview shows how black text looks on a background with the CIELCh color 59, 56.910, 4.351.

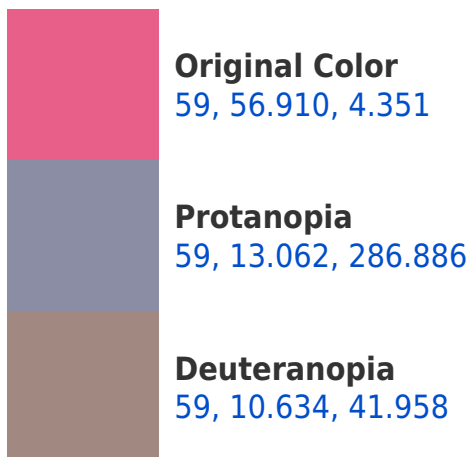


This preview shows how white text looks on a background with the CIELCh color 59, 56.910, 4.351.

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
59, 55.399, 22.864

Trichromacy



Original Color
59, 56.910, 4.351

Protanomaly
58, 25.054, 339.649

Deuteranomaly
58, 27.188, 10.776

Tritanomaly
59, 55.374, 15.950

Monochromacy



Original Color
59, 56.910, 4.351

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 21.340, 358.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 56.910, 4.351 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(232, 95, 137)` looks like.

```
.text, #text, p{  
    color:rgb(232, 95, 137)  
}
```

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(232, 95, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 95, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 56.910, 4.351 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(232, 95, 137) }
```

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

```
.border{ border-color:rgb(232, 95, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 95, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 95, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 95, 137);  
box-shadow:4px 4px 4px 4px rgb(232, 95,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 56.910, 4.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 95, 137) }
```

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

```
.background{ background-color: rgb(232, 95,  
137) }
```

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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