

Converting Colors

CIELCh(59, 63.790, 358.882)

Have a look what the booklet for
CIELCh(59, 63.790, 358.882)
contains.

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Color

CIELCh(59, 63.635, 359.203)

Conversions

Conversions Part 1

Format	Color
Hex	EF5692
RGB	239, 86, 146
RGB Percent	94%, 34%, 57%
CMY	0.0633, 0.6633, 0.4280
CMYK	0.00, 0.64, 0.39, 0.06
HSL	336°, 83%, 64%
HSV	336°, 64%, 94%
XYZ	44.0393, 27.0277, 30.0371
YIQ	138.5870, 71.9280, 51.0960

Conversions

Conversions Part 2

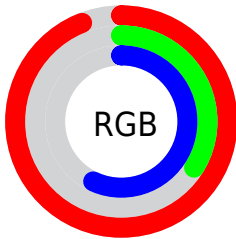
Format	Color
R _Y B	239, 86, 146
Decimal	15685266
CIE Lab	59.00, 63.63, -0.89
CIE LCh	59, 63.635, 359.203
Yxy	27.0277, 0.4356, 0.2673
Android (android.graphics.Color)	4293875346 (0xFFEF5692)
YUV	138.5870, 3.6546, 88.0622
Hunter-Lab	51.9882, 60.2283, 2.1359

Details

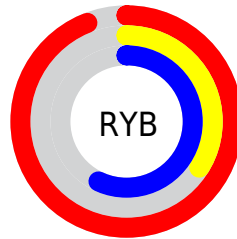
The CIELCh color **59, 63.635, 359.203** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **85, 56.791, 162.212**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 50.223, 347.681**, and **39, 63.545, 358.940** is the 20% darker color. If you saturate the color by 10%, you get **55, 70.844, 2.074**, and if you desaturate by 10%, it is **63, 54.887, 356.933**.

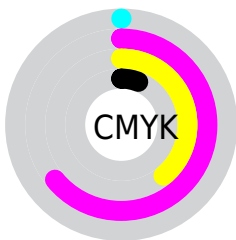
Distribution



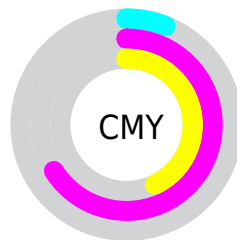
- Red (94%)
- Green (34%)
- Blue (57%)



- Red (94%)
- Yellow (34%)
- Blue (57%)



- Cyan (0%)
- Magenta (64%)
- Yellow (39%)
- Black (6%)





- Cyan (6%)
- Magenta (66%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 63.635, 359.203 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, 63.635, 359.203 by changing the saturation by 10% instead.


 59, 63.635,
359.203


 59, 63.635,
359.203


 100, 63.635,
359.203


 49, 63.635,
359.203


 79, 63.635,
359.203

 39, 63.635,
359.203

 89, 63.635,
359.203

 29, 63.635,
359.203

 99, 63.635,
359.203

 19, 63.635,
359.203

 9, 63.635, 359.203

 0, 63.635, 359.203

■ 59, 63.635,
359.203

■ 59, 63.635,
359.203

■ 55, 70.844, 2.074

■ 63, 54.887,
356.933

■ 53, 76.144, 5.724

■ 68, 45.130,
355.100

■ 51, 79.523, 10.304

■ 51, 81.002, 13.375

■ 74, 34.843,
353.586

■ 80, 24.403,
352.303

■ 86, 14.068,
351.187

■ 92, 3.993, 350.129

■ 98, 5.738, 169.485

■ 99, 5.554, 199.173

Harmonies

Complementary

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



59, 63.635, 359.203



85, 56.791, 162.212

Rectangle

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



59, 63.635, 359.203



59, 63.635, 49.203



59, 63.635, 179.203



59, 63.635, 229.203

Sweetspot

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



59, 63.631, 359.204



88, 20.204, 351.730



54, 88.085, 315.172



45, 13.957, 352.056



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, 63.631, 359.204



58, 76.465, 3.156



60, 62.977, 34.172



47, 5.665, 350.712



39, 66.358, 12.395



8, 28.819, 4.045

Inverse Universe

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



59, 63.631, 359.204



58, 76.465, 3.156



83, 37.244, 209.767



47, 5.665, 350.712



39, 66.358, 12.395



8, 28.819, 4.045

Previews

White Background



This preview shows how the CIELCh color 59, 63.635, 359.203 looks on a white background.

Color Contrast Check

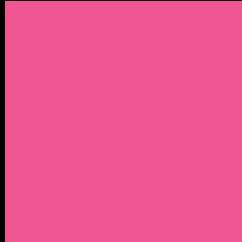
Large Text (above 18pt) WCAG AA ✓ Pass

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, 63.635, 359.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

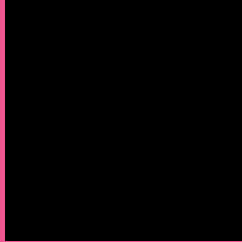
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 63.635, 359.203

Background



This preview shows how black text looks on a background with the CIELCh color 59, 63.635, 359.203.

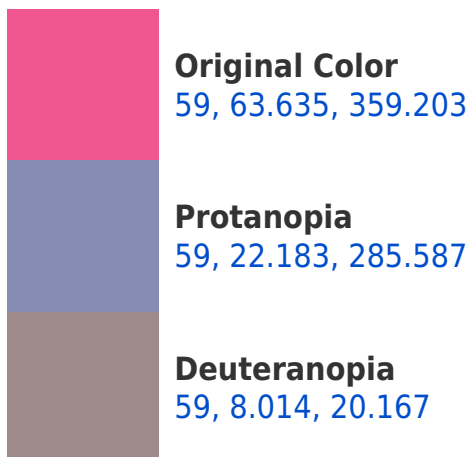


This preview shows how white text looks on a background with the CIELCh color 59, 63.635, 359.203.

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](#).

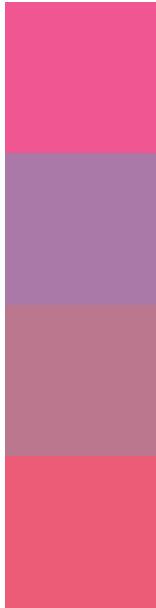
Dichromacy





Tritanopia
59, 59.891, 24.430

Trichromacy



Original Color
59, 63.635, 359.203

Protanomaly
57, 32.422, 327.714

Deuteranomaly
58, 29.659, 358.509

Tritanomaly
59, 59.855, 14.789

Monochromacy



Original Color
59, 63.635, 359.203

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 25.395, 353.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 63.635, 359.203 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(239, 86, 146)` looks like.

```
.text, #text, p{  
    color:rgb(239, 86, 146)  
}
```

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(239, 86, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 86, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 63.635, 359.203 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(239, 86, 146) }
```

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

```
.border{ border-color:rgb(239, 86, 146) }
```

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

Here you see how a box with a 4 pixel rgb(239, 86, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 86, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 86, 146);  
box-shadow:4px 4px 4px 4px rgb(239, 86,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 63.635, 359.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 86, 146) }
```

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

```
.background{ background-color: rgb(239, 86,  
146) }
```

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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