

Converting Colors

CIELCh(59, 65.749, 17.845)

Have a look what the booklet for
CIELCh(59, 65.749, 17.845) contains.

CIELCh(59, 65.847, 17.901)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(59, 65.847, 17.901)

Conversions

Conversions Part 1

Format	Color
Hex	F5556E
RGB	245, 85, 110
RGB Percent	96%, 33%, 43%
CMY	0.0393, 0.6667, 0.5687
CMYK	0.00, 0.65, 0.55, 0.04
HSL	351°, 89%, 65%
HSV	351°, 65%, 96%
XYZ	43.7091, 27.0277, 17.6602
YIQ	135.6900, 87.3350, 41.6950

Conversions

Conversions Part 2

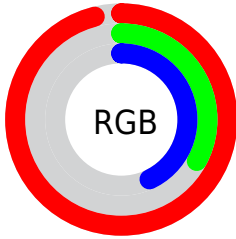
Format	Color
R_{YB}	245, 85, 110
Decimal	16078190
CIE _{Lab}	59.00, 62.66, 20.24
CIE _{LCh}	59, 65.847, 17.901
Yxy	27.0277, 0.4945, 0.3058
Android (android.graphics.Color)	4294268270 (0xFFFF5556E)
YUV	135.6900, -12.6652, 95.8649
Hunter-Lab	51.9882, 59.0944, 16.2512

Details

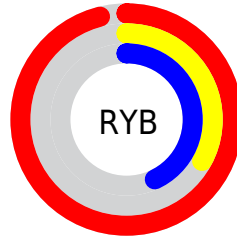
The CIELCh color **59, 65.847, 17.901** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **88, 47.192, 180.233**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 45.501, 11.529**, and **39, 65.898, 17.880** is the 20% darker color. If you saturate the color by 10%, you get **56, 75.221, 21.628**, and if you desaturate by 10%, it is **63, 55.672, 14.945**.

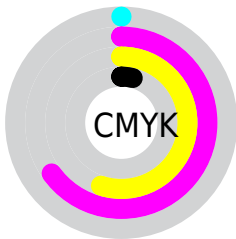
Distribution



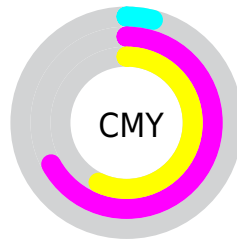
- Red (96%)
- Green (33%)
- Blue (43%)



- Red (96%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (65%)
- Yellow (55%)
- Black (4%)



- Cyan (4%)
- Magenta (67%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 65.847, 17.901 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, 65.847, 17.901 by changing the saturation by 10% instead.

 59, 65.847, 17.901

 59, 65.847, 17.901

 100, 65.847,
17.901

 49, 65.847, 17.901

 79, 65.847, 17.901

 39, 65.847, 17.901

 89, 65.847, 17.901

 29, 65.847, 17.901

 99, 65.847, 17.901

 19, 65.847, 17.901

 9, 65.847, 17.901

 0, 65.847, 17.901

 59, 65.847, 17.901

 59, 65.847, 17.901

 56, 75.221, 21.628

 63, 55.672, 14.945

 53, 83.536, 26.151

 69, 45.094, 12.619

■ 52, 90.685, 31.220

■ 74, 34.484, 10.777

■ 51, 93.723, 33.496

■ 80, 24.125, 9.295

■ 87, 14.195, 8.073

■ 93, 4.780, 6.988

■ 99, 3.473, 196.670

■ 99, 3.465, 199.377

Harmonies

Complementary

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



59, 65.847, 17.901



88, 47.192, 180.233

Rectangle

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



59, 65.847, 17.901



59, 65.847, 67.901



59, 65.847, 197.901



59, 65.847, 247.901

Sweetspot

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



59, 65.844, 17.903



87, 19.417, 8.625



60, 92.094, 322.359



44, 13.350, 8.975



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, 65.844, 17.903



57, 80.110, 22.843



68, 58.258, 51.679



48, 5.178, 7.442



39, 75.542, 32.572



8, 30.175, 18.625

Inverse Universe

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



59, 65.844, 17.903



57, 80.110, 22.843



74, 38.336, 247.570



48, 5.178, 7.442



39, 75.542, 32.572



8, 30.175, 18.625

Previews

White Background



This preview shows how the CIELCh color 59, 65.847, 17.901 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, 65.847, 17.901 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, 65.847, 17.901

Background



This preview shows how black text looks on a background with the CIELCh color 59, 65.847, 17.901.

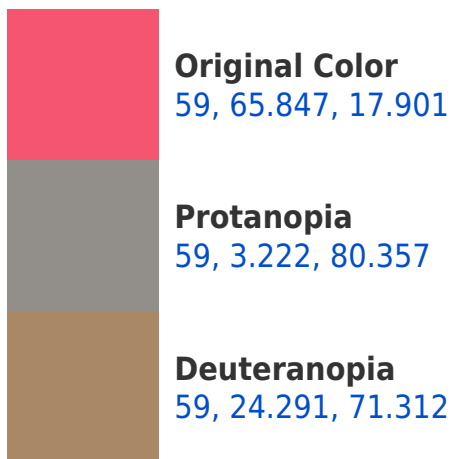


This preview shows how white text looks on a background with the CIELCh color 59, 65.847, 17.901.

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](#).

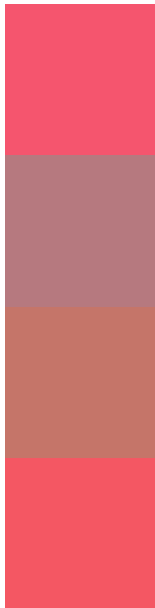
Dichromacy





Tritanopia
59, 67.071, 26.573

Trichromacy



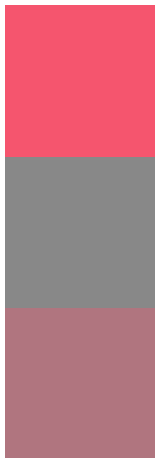
Original Color
59, 65.847, 17.901

Protanomaly
57, 25.511, 14.825

Deuteranomaly
58, 36.182, 33.778

Tritanomaly
59, 66.298, 23.550

Monochromacy



Original Color
59, 65.847, 17.901

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 24.922, 9.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 65.847, 17.901 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(245, 85, 110)` looks like.

```
.text, #text, p{  
    color:rgb(245, 85, 110)  
}
```

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(245, 85, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 85, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 65.847, 17.901 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(245, 85, 110) }
```

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

```
.border{ border-color:rgb(245, 85, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 85, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 85, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 85, 110);  
box-shadow:4px 4px 4px 4px rgb(245, 85,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 65.847, 17.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 85, 110) }
```

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

```
.background{ background-color: rgb(245, 85,  
110) }
```

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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