

Converting Colors

CIELCh(66, 61.455, 18.804)

Have a look what the booklet for
CIELCh(66, 61.455, 18.804) contains.

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Color

CIELCh(65, 59.162, 18.183)

Conversions

Conversions Part 1

Format	Color
Hex	FF6F80
RGB	255, 111, 128
RGB Percent	100%, 44%, 50%
CMY	0.0014, 0.5659, 0.4991
CMYK	0.00, 0.57, 0.50, 0.00
HSL	353°, 100%, 72%
HSV	353°, 57%, 100%
XYZ	50.6413, 34.0472, 24.2275
YIQ	155.9940, 80.3670, 35.8150

Conversions

Conversions Part 2

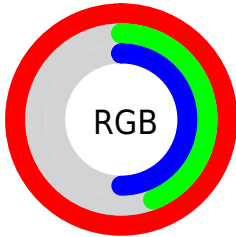
Format	Color
R _Y B	255, 111, 128
Decimal	16740224
CIE Lab	65.00, 56.21, 18.46
CIE LCh	65, 59.162, 18.183
Yxy	34.0472, 0.4650, 0.3126
Android (android.graphics.Color)	4294930304 (0xFFFF6F80)
YUV	155.9940, -13.8010, 86.8283
Hunter-Lab	58.3500, 52.8058, 16.2272

Details

The CIELCh color **65, 59.162, 18.183** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **92, 42.882, 184.801**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 34.771, 10.440**, and **45, 59.172, 18.086** is the 20% darker color. If you saturate the color by 10%, you get **61, 69.967, 21.245**, and if you desaturate by 10%, it is **70, 48.002, 15.782**.

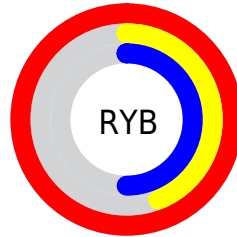
Distribution



Red (100%)

Green (44%)

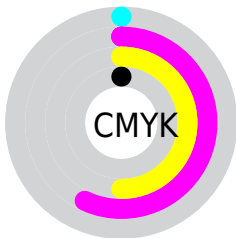
Blue (50%)



Red (100%)

Yellow (44%)

Blue (50%)

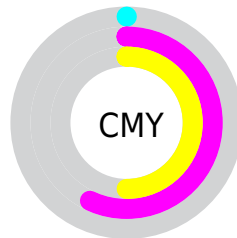


Cyan (0%)

Magenta (57%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (57%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 59.162, 18.183 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 65, 59.162, 18.183 by changing the saturation by 10% instead.

 65, 59.162, 18.183

 65, 59.162, 18.183

 100, 59.162,
18.183

 55, 59.162, 18.183

 85, 59.162, 18.183

 45, 59.162, 18.183

 95, 59.162, 18.183

 35, 59.162, 18.183

 25, 59.162, 18.183

 15, 59.162, 18.183

 5, 59.162, 18.183

 0, 59.162, 18.183

 65, 59.162, 18.183

 65, 59.162, 18.183

 61, 69.967, 21.245

 70, 48.002, 15.782

■ 57, 80.038, 25.064

■ 76, 36.877, 13.894

■ 55, 89.061, 29.581

■ 82, 26.070, 12.394

■ 54, 96.702, 34.349

■ 89, 15.759, 11.175

■ 53, 99.018, 35.803

■ 95, 6.030, 10.124

100, 0.120,
204.933

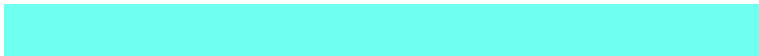
Harmonies

Complementary

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



65, 59.162, 18.183



92, 42.882, 184.801

Rectangle

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



65, 59.162, 18.183



65, 59.162, 68.183



65, 59.162, 198.183



65, 59.162, 248.183

Sweetspot

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



65, 59.159, 18.186



89, 16.250, 11.228



67, 84.610, 323.209



46, 10.937, 11.456



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 59.159, 18.186



60, 71.582, 21.760



75, 50.152, 55.193



50, 5.307, 10.432



40, 79.089, 34.984



10, 32.479, 22.356

Inverse Universe

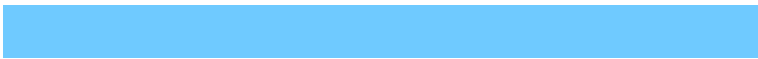
The Inverse Universe completely reimagines the original color for something new.



65, 59.159, 18.186



60, 71.582, 21.760



78, 36.393, 249.849



50, 5.307, 10.432



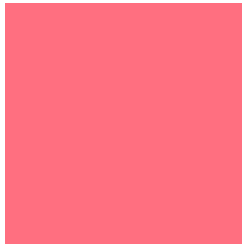
40, 79.089, 34.984



10, 32.479, 22.356

Previews

White Background



This preview shows how the CIELCh color 65, 59.162, 18.183 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 65, 59.162, 18.183 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 ✓ Pass

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

CIELCh 65, 59.162, 18.183

Background



This preview shows how black text looks on a background with the CIELCh color 65, 59.162, 18.183.

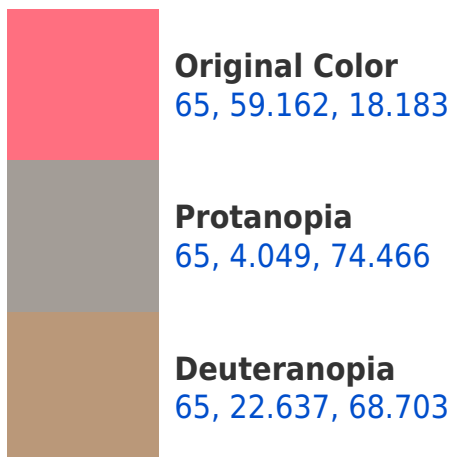


This preview shows how white text looks on a background with the CIELCh color 65, 59.162, 18.183.

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
65, 59.308, 22.602

Trichromacy



Original Color
65, 59.162, 18.183

Protanomaly
64, 22.803, 17.608

Deuteranomaly
64, 32.858, 35.802

Tritanomaly
65, 58.932, 21.056

Monochromacy



Original Color
65, 59.162, 18.183

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 21.162, 12.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 59.162, 18.183 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(255, 111, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 128)  
}
```

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(255, 111, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 59.162, 18.183 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(255, 111, 128) }
```

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

```
.border{ border-color:rgb(255, 111, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 111, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 111, 128); box-shadow:4px 4px 4px 4px rgb(255, 111, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 59.162, 18.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 128) }
```

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

```
.background{ background-color: rgb(255,  
111, 128) }
```

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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