

Converting Colors

CIELCh(71, 74.937, 22.894)

Have a look what the booklet for
CIELCh(71, 74.937, 22.894) contains.

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Color

CIELCh(65, 59.797, 19.386)

Conversions

Conversions Part 1

Format	Color
Hex	FF6E7D
RGB	255, 110, 125
RGB Percent	100%, 43%, 49%
CMY	0.0000, 0.5673, 0.5086
CMYK	0.00, 0.57, 0.51, 0.00
HSL	354°, 100%, 72%
HSV	354°, 57%, 100%
XYZ	50.7159, 34.0472, 23.4053
YIQ	155.0650, 81.6050, 35.4050

Conversions

Conversions Part 2

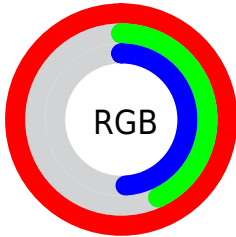
Format	Color
R _Y B	255, 110, 125
Decimal	16739965
CIE Lab	65.00, 56.41, 19.85
CIE LCh	65, 59.797, 19.386
Yxy	34.0472, 0.4689, 0.3148
Android (android.graphics.Color)	4294930045 (0xFFFF6E7D)
YUV	155.0650, -14.8220, 87.6430
Hunter-Lab	58.3500, 53.0341, 17.0626

Details

The CIELCh color **65, 59.797, 19.386** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **92, 42.605, 186.214**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 35.132, 13.216**, and **45, 59.833, 19.490** is the 20% darker color. If you saturate the color by 10%, you get **61, 70.618, 22.414**, and if you desaturate by 10%, it is **70, 48.362, 16.942**.

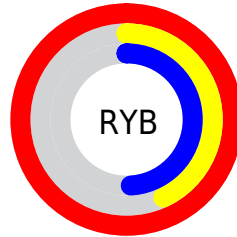
Distribution



Red (100%)

Green (43%)

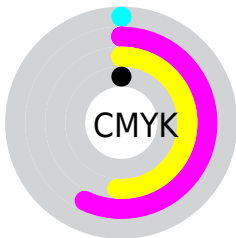
Blue (49%)



Red (100%)

Yellow (43%)

Blue (49%)

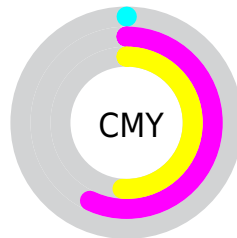


Cyan (0%)

Magenta (57%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (57%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 59.797, 19.386 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, 59.797, 19.386 by changing the saturation by 10% instead.

65, 59.797, 19.386

65, 59.797, 19.386

100, 59.797,
19.386

55, 59.797, 19.386

85, 59.797, 19.386

45, 59.797, 19.386

95, 59.797, 19.386

35, 59.797, 19.386

25, 59.797, 19.386

15, 59.797, 19.386

5, 59.797, 19.386

0, 59.797, 19.386

65, 59.797, 19.386

65, 59.797, 19.386

61, 70.618, 22.414

70, 48.362, 16.942

■ 57, 80.893, 26.224

■ 76, 37.147, 15.057

■ 55, 90.125, 30.685

■ 82, 26.283, 13.564

■ 54, 97.848, 35.275

■ 89, 15.942, 12.358

■ 53, 99.999, 36.547

■ 95, 6.204, 11.325

100, 0.012,
296.813

Harmonies

Complementary

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



65, 59.797, 19.386



92, 42.605, 186.214

Rectangle

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



65, 59.797, 19.386



65, 59.797, 69.386



65, 59.797, 199.386



65, 59.797, 249.386

Sweetspot

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



65, 59.644, 19.349



89, 16.218, 12.388



67, 85.125, 323.733



46, 10.918, 12.613



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, 59.644, 19.349



60, 71.974, 22.857



76, 50.264, 56.789



50, 5.292, 11.607



40, 79.812, 35.778



10, 32.578, 22.973

Inverse Universe

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



65, 59.644, 19.349



60, 71.974, 22.857



77, 37.103, 252.305



50, 5.292, 11.607



40, 79.812, 35.778



10, 32.578, 22.973

Previews

White Background



This preview shows how the CIELCh color 65, 59.797, 19.386 looks on a white background.

Color Contrast Check

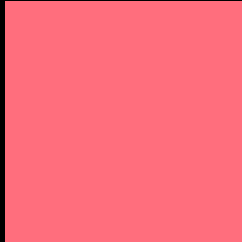
Large Text (above 18pt) WCAG AA × Fail

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, 59.797, 19.386 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, 59.797, 19.386

Background



This preview shows how black text looks on a background with the CIELCh color 65, 59.797, 19.386.



This preview shows how white text looks on a background with the CIELCh color 65, 59.797, 19.386.

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



Original Color

65, 59.797, 19.386

Protanopia

65, 5.500, 84.234

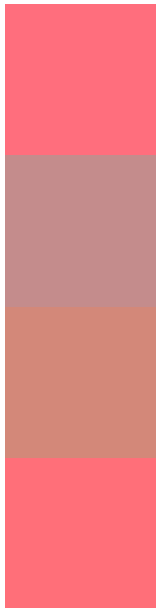
Deuteranopia

65, 23.404, 68.647



Tritanopia
65, 60.174, 22.810

Trichromacy



Original Color
65, 59.797, 19.386

Protanomaly
64, 22.943, 21.721

Deuteranomaly
64, 33.562, 36.525

Tritanomaly
65, 59.911, 21.798

Monochromacy



Original Color
65, 59.797, 19.386

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 21.170, 14.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 59.797, 19.386 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, 110, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 125)  
}
```

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, 110, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 59.797, 19.386 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, 110, 125) }
```

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

```
.border{ border-color:rgb(255, 110, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 59.797, 19.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 125) }
```

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

```
.background{ background-color: rgb(255,  
110, 125) }
```

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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