

Converting Colors

CIELCh(61, 69.046, 22.683)

Have a look what the booklet for
CIELCh(61, 69.046, 22.683) contains.

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Color

CIELCh(61, 68.808, 22.739)

Conversions

Conversions Part 1

Format	Color
Hex	FE5968
RGB	254, 89, 104
RGB Percent	100%, 35%, 41%
CMY	0.0036, 0.6506, 0.5919
CMYK	0.00, 0.65, 0.59, 0.00
HSL	355°, 99%, 67%
HSV	355°, 65%, 100%
XYZ	46.9889, 29.2481, 16.2846
YIQ	140.0450, 93.5250, 39.6450

Conversions

Conversions Part 2

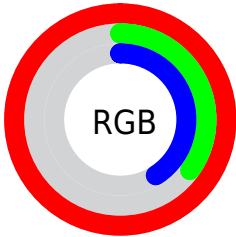
Format	Color
R_{YB}	254, 89, 104
Decimal	16669032
CIE _{Lab}	61.00, 63.46, 26.60
CIE _{LCh}	61, 68.808, 22.739
Yxy	29.2481, 0.5079, 0.3161
Android (android.graphics.Color)	4294859112 (0xFFFE5968)
YUV	140.0450, -17.7702, 99.9385
Hunter-Lab	54.0815, 60.4474, 20.0041

Details

The CIELCh color **61, 68.808, 22.739** 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 **91, 45.986, 186.757**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 43.977, 17.715**, and **41, 68.866, 22.887** is the 20% darker color. If you saturate the color by 10%, you get **57, 79.377, 26.393**, and if you desaturate by 10%, it is **66, 57.640, 19.817**.

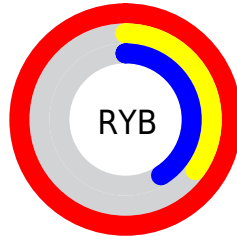
Distribution



Red (100%)

Green (35%)

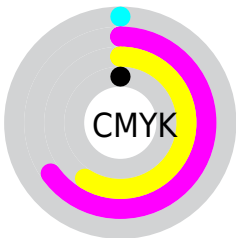
Blue (41%)



Red (100%)

Yellow (35%)

Blue (41%)

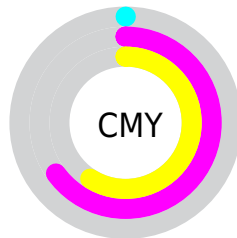


Cyan (0%)

Magenta (65%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (65%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 68.808, 22.739 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 61, 68.808, 22.739 by changing the saturation by 10% instead.

61, 68.808, 22.739

61, 68.808, 22.739

100, 68.808,
22.739

51, 68.808, 22.739

81, 68.808, 22.739

41, 68.808, 22.739

91, 68.808, 22.739

31, 68.808, 22.739

21, 68.808, 22.739

11, 68.808, 22.739

1, 68.808, 22.739

0, 68.808, 22.739

61, 68.808, 22.739

61, 68.808, 22.739

57, 79.377, 26.393

66, 57.640, 19.817

■ 55, 88.982, 30.701

■ 71, 46.281, 17.525

■ 53, 97.105, 35.191

■ 77, 35.084, 15.732

■ 53, 100.429,
37.121

■ 83, 24.305, 14.314

■ 90, 14.090, 13.167

■ 96, 4.502, 12.153

100, 0.315,
201.489

Harmonies

Complementary

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



61, 68.808, 22.739



91, 45.986, 186.757

Rectangle

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



61, 68.808, 22.739



61, 68.808, 72.739



61, 68.808, 202.739



61, 68.808, 252.739

Sweetspot

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



61, 68.805, 22.742



87, 18.220, 13.607



64, 94.823, 324.462



45, 12.657, 13.937



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 68.805, 22.742



57, 82.678, 27.661



73, 58.576, 57.696



50, 5.282, 12.619



40, 80.409, 36.409



10, 32.665, 23.498

Inverse Universe

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



61, 68.805, 22.742



57, 82.678, 27.661



73, 42.130, 257.405



50, 5.282, 12.619



40, 80.409, 36.409



10, 32.665, 23.498

Previews

White Background



This preview shows how the CIELCh color 61, 68.808, 22.739 looks on a white background.

Color Contrast Check

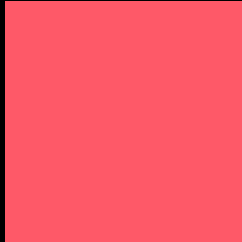
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 61, 68.808, 22.739 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 61, 68.808, 22.739

Background



This preview shows how black text looks on a background with the CIELCh color 61, 68.808, 22.739.

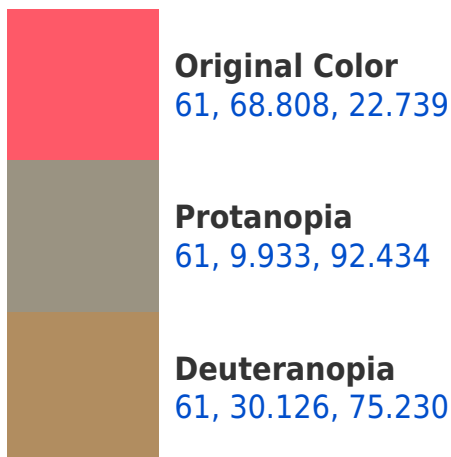


This preview shows how white text looks on a background with the CIELCh color 61, 68.808, 22.739.

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](#).

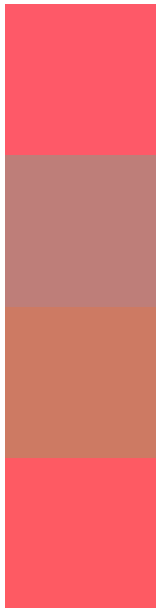
Dichromacy





Tritanopia
61, 69.626, 26.784

Trichromacy



Original Color
61, 68.808, 22.739

Protanomaly
59, 27.443, 28.088

Deuteranomaly
60, 39.946, 41.407

Tritanomaly
61, 69.347, 25.212

Monochromacy



Original Color
61, 68.808, 22.739

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 25.091, 14.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 68.808, 22.739 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(254, 89, 104)` looks like.

```
.text, #text, p{  
    color:rgb(254, 89, 104)  
}
```

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(254, 89, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 89, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 68.808, 22.739 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(254, 89, 104) }
```

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

```
.border{ border-color:rgb(254, 89, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 89, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 89, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 89, 104);  
box-shadow:4px 4px 4px 4px rgb(254, 89,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 68.808, 22.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 89, 104) }
```

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

```
.background{ background-color: rgb(254, 89,  
104) }
```

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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