

Converting Colors

CIELCh(61, 69.800, 20.586)

Have a look what the booklet for
CIELCh(61, 69.800, 20.586) contains.

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Color

CIELCh(61, 69.508, 20.261)

Conversions

Conversions Part 1

Format	Color
Hex	FF576D
RGB	255, 87, 109
RGB Percent	100%, 34%, 43%
CMY	0.0000, 0.6601, 0.5743
CMYK	0.00, 0.66, 0.57, 0.00
HSL	352°, 100%, 67%
HSV	352°, 66%, 100%
XYZ	47.6146, 29.2481, 17.4750
YIQ	139.7400, 93.0660, 42.4580

Conversions

Conversions Part 2

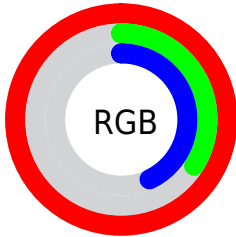
Format	Color
R_{YB}	255, 87, 109
Decimal	16734061
CIE Lab	61.00, 65.21, 24.07
CIE LCh	61, 69.508, 20.261
Yxy	29.2481, 0.5047, 0.3100
Android (android.graphics.Color)	4294924141 (0xFFFF576D)
YUV	139.7400, -15.1548, 101.0830
Hunter-Lab	54.0815, 62.5127, 18.6991

Details

The CIELCh color **61, 69.508, 20.261** 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, 47.990, 182.671**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 44.216, 13.712**, and **41, 69.089, 20.011** is the 20% darker color. If you saturate the color by 10%, you get **57, 79.205, 23.980**, and if you desaturate by 10%, it is **65, 58.519, 17.161**.

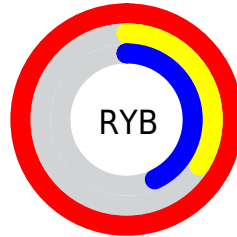
Distribution



Red (100%)

Green (34%)

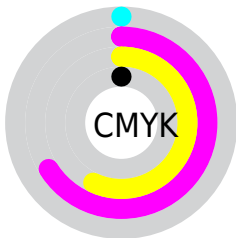
Blue (43%)



Red (100%)

Yellow (34%)

Blue (43%)

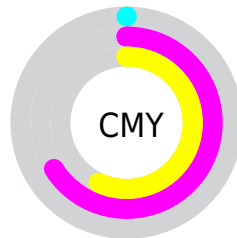


Cyan (0%)

Magenta (66%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (66%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 69.508, 20.261 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, 69.508, 20.261 by changing the saturation by 10% instead.

61, 69.508, 20.261

61, 69.508, 20.261

100, 69.508,
20.261

51, 69.508, 20.261

81, 69.508, 20.261

41, 69.508, 20.261

91, 69.508, 20.261

31, 69.508, 20.261

21, 69.508, 20.261

11, 69.508, 20.261

1, 69.508, 20.261

0, 69.508, 20.261

61, 69.508, 20.261

61, 69.508, 20.261

57, 79.205, 23.980

65, 58.519, 17.161

■ 55, 88.115, 28.509

■ 71, 47.429, 14.783

■ 54, 95.724, 33.400

■ 76, 36.354, 12.911

■ 53, 98.401, 35.171

■ 83, 25.581, 11.417

■ 89, 15.290, 10.198

■ 96, 5.567, 9.136

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.



61, 69.508, 20.261



91, 47.990, 182.671

Rectangle

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



61, 69.508, 20.261



61, 69.508, 70.261



61, 69.508, 200.261



61, 69.508, 250.261

Sweetspot

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



61, 69.242, 20.188



87, 19.328, 10.657



63, 96.061, 323.426



44, 13.296, 11.001



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, 69.242, 20.188



57, 81.986, 25.263



72, 60.355, 54.581



50, 5.320, 9.504



40, 78.500, 34.310



10, 32.404, 21.864

Inverse Universe

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



61, 69.242, 20.188



57, 81.986, 25.263



75, 41.208, 252.976



50, 5.320, 9.504



40, 78.500, 34.310



10, 32.404, 21.864

Previews

White Background



This preview shows how the CIELCh color 61, 69.508, 20.261 looks on a white background.

Color Contrast Check

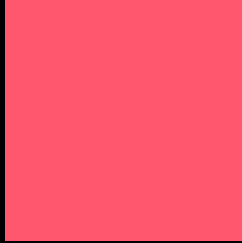
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 69.508, 20.261 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, 69.508, 20.261

Background



This preview shows how black text looks on a background with the CIELCh color 61, 69.508, 20.261.

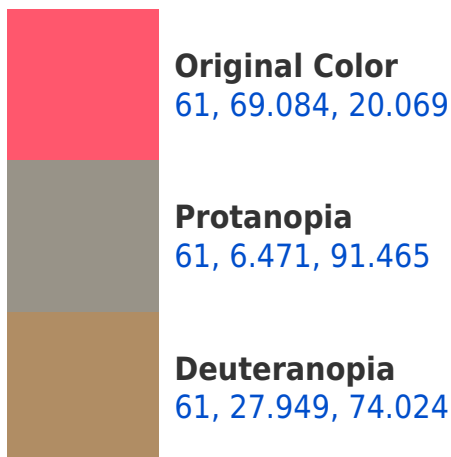


This preview shows how white text looks on a background with the CIELCh color 61, 69.508, 20.261.

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](#).

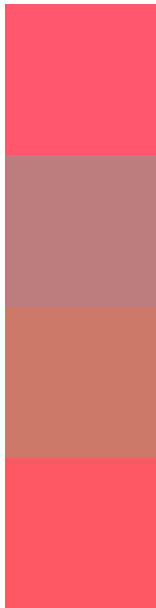
Dichromacy





Tritanopia
61, 70.560, 27.056

Trichromacy



Original Color
61, 69.084, 20.069

Protanomaly
59, 26.826, 21.197

Deuteranomaly
60, 39.078, 37.828

Tritanomaly
61, 69.908, 24.655

Monochromacy



Original Color
61, 69.084, 20.069

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 25.563, 12.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 69.508, 20.261 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, 87, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 87, 109)  
}
```

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, 87, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 87, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 69.508, 20.261 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, 87, 109) }
```

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

```
.border{ border-color:rgb(255, 87, 109) }
```

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

Here you see how a box with a 4 pixel rgb(255, 87, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 87, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 87, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 87,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 69.508, 20.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 87, 109) }
```

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

```
.background{ background-color: rgb(255, 87,  
109) }
```

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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