

Converting Colors

CIELCh(66, 66.404, 29.620)

Have a look what the booklet for
CIELCh(66, 66.404, 29.620) contains.

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Color

CIELCh(65, 62.588, 29.568)

Conversions

Conversions Part 1

Format	Color
Hex	FF706A
RGB	255, 112, 106
RGB Percent	100%, 44%, 42%
CMY	0.0000, 0.5612, 0.5851
CMYK	0.00, 0.56, 0.59, 0.00
HSL	2°, 100%, 71%
HSV	2°, 59%, 100%
XYZ	49.9806, 34.0472, 17.5148
YIQ	154.0730, 87.1540, 28.4500

Conversions

Conversions Part 2

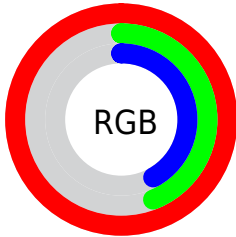
Format	Color
R _Y B	255, 112, 106
Decimal	16740458
CIE Lab	65.00, 54.44, 30.88
CIE LCh	65, 62.588, 29.568
Yxy	34.0472, 0.4922, 0.3353
Android (android.graphics.Color)	4294930538 (0xFFFF706A)
YUV	154.0730, -23.7000, 88.5130
Hunter-Lab	58.3500, 50.7847, 23.0480

Details

The CIELCh color **65, 62.588, 29.568** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **91, 39.321, 201.675**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 36.113, 31.585**, and **45, 62.245, 29.231** is the 20% darker color. If you saturate the color by 10%, you get **61, 74.401, 32.073**, and if you desaturate by 10%, it is **70, 50.054, 27.547**.

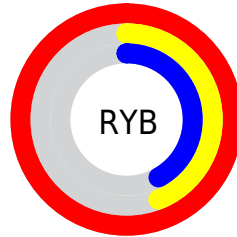
Distribution



Red (100%)

Green (44%)

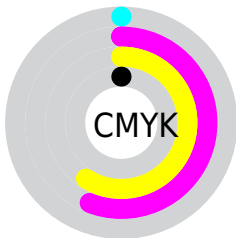
Blue (42%)



Red (100%)

Yellow (44%)

Blue (42%)

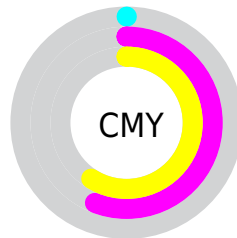


Cyan (0%)

Magenta (56%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 62.588, 29.568 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, 62.588, 29.568 by changing the saturation by 10% instead.

65, 62.588, 29.568

65, 62.588, 29.568

100, 62.588,
29.568

55, 62.588, 29.568

85, 62.588, 29.568

45, 62.588, 29.568

95, 62.588, 29.568

35, 62.588, 29.568

25, 62.588, 29.568

15, 62.588, 29.568

5, 62.588, 29.568

0, 62.588, 29.568

65, 62.588, 29.568

65, 62.588, 29.568

61, 74.401, 32.073

70, 50.054, 27.547

■ 57, 86.200, 35.044

■ 76, 38.376, 26.015

■ 55, 96.521, 38.010

■ 82, 27.343, 24.856

■ 54, 103.315,
39.996

■ 88, 17.054, 23.979

■ 94, 7.529, 23.287

■ 53, 104.088,
40.287

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, 62.588, 29.568



91, 39.321, 201.675

Rectangle

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



65, 62.588, 29.568



65, 62.588, 79.568



65, 62.588, 209.568



65, 62.588, 259.568

Sweetspot

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



65, 62.174, 29.547



88, 16.545, 23.940



68, 86.717, 328.439



45, 11.634, 24.168



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, 62.174, 29.547



60, 76.197, 32.491



80, 52.539, 71.161



50, 5.048, 23.352



40, 83.669, 40.411



10, 32.545, 29.170

Inverse Universe

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



91, 39.321, 201.675



90, 43.357, 201.848



70, 46.024, 271.265



52, 4.746, 202.648



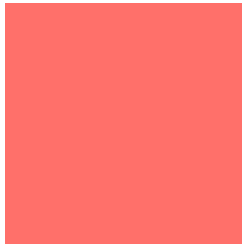
68, 38.186, 203.087



23, 17.677, 202.237

Previews

White Background



This preview shows how the CIELCh color 65, 62.588, 29.568 looks on a white background.

Color Contrast Check

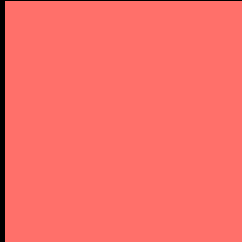
Large Text (above 18pt) WCAG AA × Fail

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, 62.588, 29.568 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, 62.588, 29.568

Background



This preview shows how black text looks on a background with the CIELCh color 65, 62.588, 29.568.



This preview shows how white text looks on a background with the CIELCh color 65, 62.588, 29.568.

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, 62.096, 29.495

Protanopia

65, 18.260, 93.775

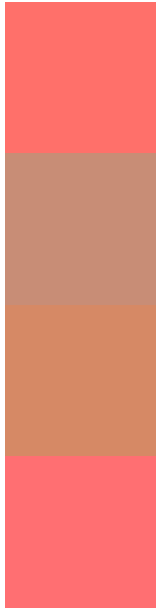
Deuteranopia

65, 33.792, 76.409



Tritanopia
65, 60.313, 23.313

Trichromacy



Original Color
65, 62.096, 29.495

Protanomaly
64, 28.859, 47.331

Deuteranomaly
64, 40.583, 50.773

Tritanomaly
65, 60.924, 25.295

Monochromacy



Original Color
65, 62.096, 29.495

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 21.553, 25.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 62.588, 29.568 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, 112, 106)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 106)  
}
```

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, 112, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 62.588, 29.568 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, 112, 106) }
```

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

```
.border{ border-color:rgb(255, 112, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 112, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 106);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 62.588, 29.568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 106) }
```

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

```
.background{ background-color: rgb(255,  
112, 106) }
```

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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