

Converting Colors

CIELCh(66, 61.696, 33.182)

Have a look what the booklet for
CIELCh(66, 61.696, 33.182) contains.

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Color

CIELCh(66, 61.092, 33.314)

Conversions

Conversions Part 1

Format	Color
Hex	FF7667
RGB	255, 118, 103
RGB Percent	100%, 46%, 40%
CMY	0.0000, 0.5362, 0.5951
CMYK	0.00, 0.54, 0.60, 0.00
HSL	6°, 100%, 70%
HSV	6°, 60%, 100%
XYZ	50.3255, 35.3238, 17.0624
YIQ	157.2530, 86.4670, 24.3790

Conversions

Conversions Part 2

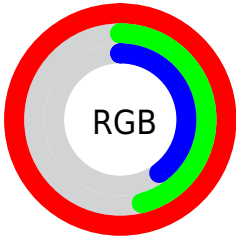
Format	Color
R_{YB}	255, 120, 103
Decimal	16741991
CIE _{Lab}	66.00, 51.05, 33.55
CIE _{LCh}	66, 61.092, 33.314
Yxy	35.3238, 0.4900, 0.3439
Android (android.graphics.Color)	4294932071 (0xFFFF7667)
YUV	157.2530, -26.7467, 85.7241
Hunter-Lab	59.4338, 47.1353, 24.5826

Details

The CIELCh color **66, 61.092, 33.314** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **88, 37.623, 209.325**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 35.461, 38.330**, and **46, 61.014, 33.267** is the 20% darker color. If you saturate the color by 10%, you get **62, 73.162, 35.273**, and if you desaturate by 10%, it is **71, 49.035, 31.774**.

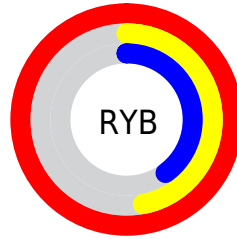
Distribution



Red (100%)

Green (46%)

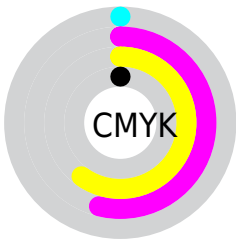
Blue (40%)



Red (100%)

Yellow (47%)

Blue (40%)

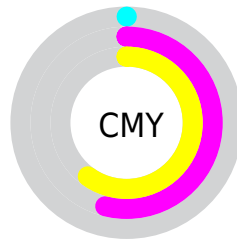


Cyan (0%)

Magenta (54%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 61.092, 33.314 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 66, 61.092, 33.314 by changing the saturation by 10% instead.

 66, 61.092, 33.314

 66, 61.092, 33.314

 100, 61.092,
33.314

 56, 61.092, 33.314

 86, 61.092, 33.314

 46, 61.092, 33.314

 96, 61.092, 33.314

 36, 61.092, 33.314

 26, 61.092, 33.314

 16, 61.092, 33.314

 6, 61.092, 33.314

 0, 61.092, 33.314

 66, 61.092, 33.314

 66, 61.092, 33.314

 62, 73.162, 35.273

 71, 49.035, 31.774

■ 58, 85.104, 37.524

■ 76, 37.673, 30.607

■ 56, 95.638, 39.633

■ 82, 27.021, 29.752

■ 54, 102.788,
40.830

■ 88, 17.135, 29.139

■ 94, 8.011, 28.686

■ 54, 103.082,
40.897

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.



66, 61.092, 33.314



88, 37.623, 209.325

Rectangle

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



66, 61.092, 33.314



66, 61.092, 83.314



66, 61.092, 213.314



66, 61.092, 263.314

Sweetspot

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



66, 60.960, 33.321



89, 15.708, 29.063



68, 84.990, 330.144



46, 11.049, 29.213



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 60.960, 33.321



61, 74.975, 35.594



82, 54.393, 75.687



50, 4.788, 28.685



41, 82.728, 41.129



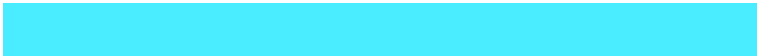
11, 31.504, 32.029

Inverse Universe

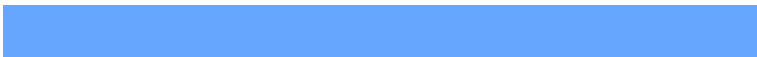
The Inverse Universe completely reimagines the original color for something new.



88, 37.623, 209.325



87, 41.288, 210.251



68, 50.339, 276.397



52, 4.500, 208.430



64, 35.969, 214.050



21, 16.711, 211.682

Previews

White Background



This preview shows how the CIELCh color 66, 61.092, 33.314 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 66, 61.092, 33.314 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 66, 61.092, 33.314

Background



This preview shows how black text looks on a background with the CIELCh color 66, 61.092, 33.314.

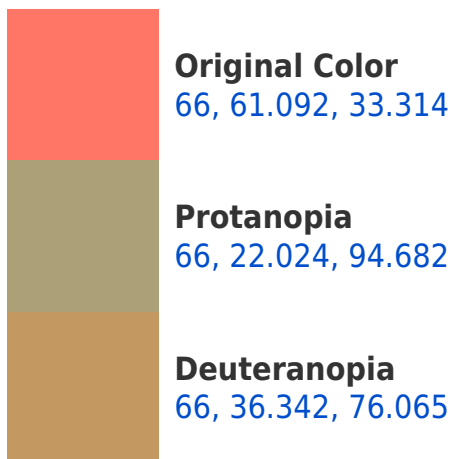


This preview shows how white text looks on a background with the CIELCh color 66, 61.092, 33.314.

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](#).

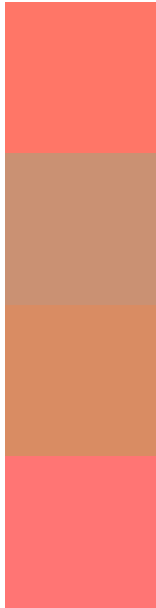
Dichromacy





Tritanopia
66, 57.846, 22.159

Trichromacy



Original Color
66, 61.092, 33.314

Protanomaly
65, 30.264, 53.881

Deuteranomaly
65, 42.174, 53.493

Tritanomaly
66, 58.716, 26.679

Monochromacy



Original Color
66, 61.092, 33.314

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 20.966, 30.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 61.092, 33.314 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, 118, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 103)  
}
```

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, 118, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 61.092, 33.314 is called "border". The border property can be set on classes, ids or directly on the HTML element.

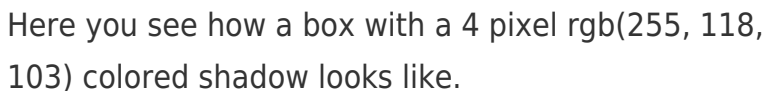
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 118, 103) }
```

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

```
.border{ border-color:rgb(255, 118, 103) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 118, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 118, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 118, 103); box-shadow:4px 4px 4px 4px rgb(255, 118, 103) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 61.092, 33.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 103) }
```

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

```
.background{ background-color: rgb(255,  
118, 103) }
```

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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