

Converting Colors

CIELCh(66, 62.439, 34.399)

Have a look what the booklet for
CIELCh(66, 62.439, 34.399) contains.

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Color

CIELCh(66, 61.817, 34.650)

Conversions

Conversions Part 1

Format	Color
Hex	FF7664
RGB	255, 118, 100
RGB Percent	100%, 46%, 39%
CMY	0.0000, 0.5357, 0.6064
CMYK	0.00, 0.54, 0.61, 0.00
HSL	7°, 100%, 70%
HSV	7°, 61%, 100%
XYZ	50.2510, 35.3238, 16.3171
YIQ	156.9110, 87.4300, 23.4460

Conversions

Conversions Part 2

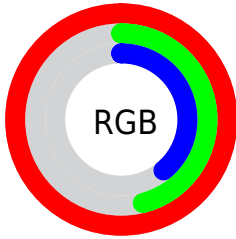
Format	Color
RYB	255, 120, 100
Decimal	16741988
CIELab	66.00, 50.85, 35.15
CIElCh	66, 61.817, 34.650
Yxy	35.3238, 0.4932, 0.3467
Android (android.graphics.Color)	4294932068 (0xFFFF7664)
YUV	156.9110, -28.0571, 86.0241
Hunter-Lab	59.4338, 46.9114, 25.3261

Details

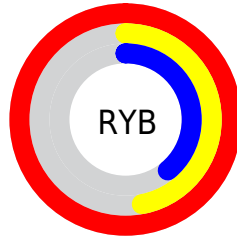
The CIELCh color **66, 61.817, 34.650** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **87, 37.530, 211.915**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 36.185, 40.558**, and **46, 61.832, 34.637** is the 20% darker color. If you saturate the color by 10%, you get **62, 73.806, 36.466**, and if you desaturate by 10%, it is **71, 49.727, 33.229**.

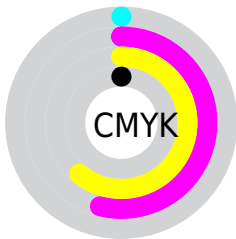
Distribution



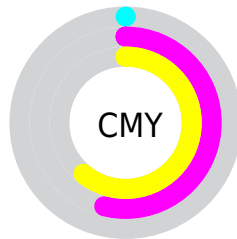
- Red (100%)
- Green (46%)
- Blue (39%)



- Red (100%)
- Yellow (47%)
- Blue (39%)



- Cyan (0%)
- Magenta (54%)
- Yellow (61%)
- Black (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 61.817, 34.650 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, 61.817, 34.650 by changing the saturation by 10% instead.

 66, 61.817, 34.650

 66, 61.817, 34.650

 100, 61.817,
34.650

 56, 61.817, 34.650

 86, 61.817, 34.650

 46, 61.817, 34.650

 96, 61.817, 34.650

 36, 61.817, 34.650

 26, 61.817, 34.650

 16, 61.817, 34.650

 6, 61.817, 34.650

 0, 61.817, 34.650

 66, 61.817, 34.650

 66, 61.817, 34.650

 62, 73.806, 36.466

 71, 49.727, 33.229

■ 58, 85.699, 38.505

■ 76, 38.402, 32.152

■ 56, 96.050, 40.300

■ 82, 27.794, 31.375

■ 54, 102.654,
41.165

■ 87, 17.955, 30.832

■ 93, 8.876, 30.450

100, 0.515, 29.026

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, 61.817, 34.650



87, 37.530, 211.915

Rectangle

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



66, 61.817, 34.650



66, 61.817, 84.650



66, 61.817, 214.650



66, 61.817, 264.650

Sweetspot

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



66, 61.625, 34.663



89, 15.482, 30.719



67, 84.333, 331.399



46, 10.891, 30.844



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, 61.625, 34.663



61, 76.665, 36.935



83, 56.255, 78.521



50, 4.719, 30.412



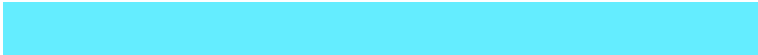
41, 82.350, 41.428



11, 31.216, 32.897

Inverse Universe

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



87, 37.530, 211.915



85, 41.230, 213.240



66, 53.920, 279.631



52, 4.435, 210.303



63, 35.545, 217.658



21, 16.503, 214.779

Previews

White Background



This preview shows how the CIELCh color 66, 61.817, 34.650 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, 61.817, 34.650 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, 61.817, 34.650

Background



This preview shows how black text looks on a background with the CIELCh color 66, 61.817, 34.650.

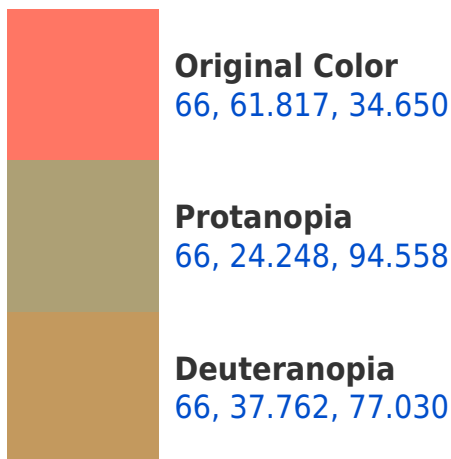


This preview shows how white text looks on a background with the CIELCh color 66, 61.817, 34.650.

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, 61.817, 34.650

Protanomaly
65, 32.120, 56.304

Deuteranomaly
65, 43.293, 54.982

Tritanomaly
66, 58.891, 27.180

Monochromacy



Original Color
66, 61.817, 34.650

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 21.122, 31.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 61.817, 34.650 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 61.817, 34.650 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, 100) }
```

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

```
.border{ border-color:rgb(255, 118, 100) }
```

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, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 61.817, 34.650 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, 100) }
```

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

```
.background{ background-color: rgb(255,  
118, 100) }
```

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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