

Converting Colors

CIELCh(66, 53.678, 31.452)

Have a look what the booklet for
CIELCh(66, 53.678, 31.452) contains.

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Color

CIELCh(66, 53.866, 31.281)

Conversions

Conversions Part 1

Format	Color
Hex	F77C71
RGB	247, 124, 113
RGB Percent	97%, 49%, 44%
CMY	0.0319, 0.5142, 0.5573
CMYK	0.00, 0.50, 0.54, 0.03
HSL	5°, 89%, 71%
HSV	5°, 54%, 97%
XYZ	48.4759, 35.3238, 19.8530
YIQ	159.5230, 76.8390, 22.6550

Conversions

Conversions Part 2

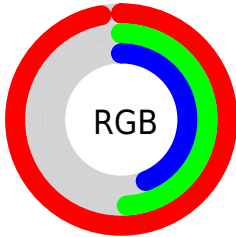
Format	Color
R_{YB}	247, 125, 113
Decimal	16219249
CIE _{Lab}	66.00, 46.04, 27.97
CIE _{LCh}	66, 53.866, 31.281
Yxy	35.3238, 0.4677, 0.3408
Android (android.graphics.Color)	4294409329 (0xFFFF77C71)
YUV	159.5230, -22.9358, 76.7173
Hunter-Lab	59.4338, 41.5804, 21.7987

Details

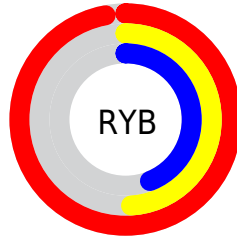
The CIELCh color **66, 53.866, 31.281** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **87, 35.091, 206.776**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 31.711, 35.142**, and **46, 53.882, 31.288** is the 20% darker color. If you saturate the color by 10%, you get **61, 65.698, 33.181**, and if you desaturate by 10%, it is **71, 42.423, 29.816**.

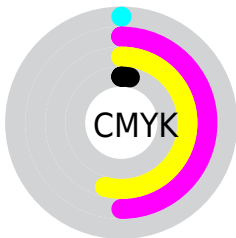
Distribution



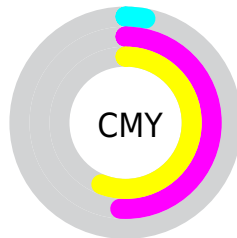
- Red (97%)
- Green (49%)
- Blue (44%)



- Red (97%)
- Yellow (49%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (54%)
- Black (3%)



- Cyan (3%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 53.866, 31.281 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, 53.866, 31.281 by changing the saturation by 10% instead.

66, 53.866, 31.281

66, 53.866, 31.281

100, 53.866,
31.281

56, 53.866, 31.281

86, 53.866, 31.281

46, 53.866, 31.281

96, 53.866, 31.281

36, 53.866, 31.281

26, 53.866, 31.281

16, 53.866, 31.281

6, 53.866, 31.281

0, 53.866, 31.281

66, 53.866, 31.281

66, 53.866, 31.281

61, 65.698, 33.181

71, 42.423, 29.816

■ 58, 77.544, 35.494

■ 77, 31.593, 28.716

■ 55, 88.668, 37.991

■ 82, 21.481, 27.906

■ 53, 97.464, 39.953

■ 88, 12.117, 27.310

■ 52, 100.898,
40.696

■ 95, 3.479, 26.776

■ 99, 2.818, 199.462

Harmonies

Complementary

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



66, 53.866, 31.281



87, 35.091, 206.776

Rectangle

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



66, 53.866, 31.281



66, 53.866, 81.281



66, 53.866, 211.281



66, 53.866, 261.281

Sweetspot

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



66, 53.863, 31.284



90, 14.050, 27.403



68, 77.686, 329.312



47, 9.567, 27.518



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, 53.863, 31.284



63, 68.361, 33.361



80, 47.728, 74.937



48, 4.699, 27.071



39, 81.365, 40.903



9, 29.348, 29.378

Inverse Universe

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



87, 35.091, 206.776



88, 40.129, 207.298



69, 43.627, 273.189



50, 4.417, 206.682



64, 35.770, 210.665



20, 16.074, 208.590

Previews

White Background



This preview shows how the CIELCh color 66, 53.866, 31.281 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, 53.866, 31.281 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, 53.866, 31.281

Background



This preview shows how black text looks on a background with the CIELCh color 66, 53.866, 31.281.

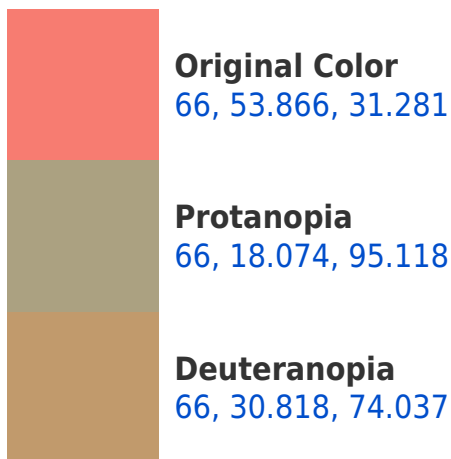


This preview shows how white text looks on a background with the CIELCh color 66, 53.866, 31.281.

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, 52.597, 20.362

Trichromacy



Original Color
66, 53.866, 31.281

Protanomaly
66, 26.113, 52.492

Deuteranomaly
66, 36.400, 51.114

Tritanomaly
66, 52.972, 24.277

Monochromacy



Original Color
66, 53.866, 31.281

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 18.518, 27.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 53.866, 31.281 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(247, 124, 113)` looks like.

```
.text, #text, p{  
    color:rgb(247, 124, 113)  
}
```

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(247, 124, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 124, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 53.866, 31.281 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(247, 124, 113) }
```

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

```
.border{ border-color:rgb(247, 124, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 124, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 124, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 124, 113);  
box-shadow:4px 4px 4px 4px rgb(247, 124,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 53.866, 31.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 124, 113) }
```

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

```
.background{ background-color: rgb(247,  
124, 113) }
```

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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