

Converting Colors

CIELCh(66, 53.460, 31.910)

Have a look what the booklet for
CIELCh(66, 53.460, 31.910) contains.

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Color

CIELCh(66, 53.376, 32.334)

Conversions

Conversions Part 1

Format	Color
Hex	F67D70
RGB	246, 125, 112
RGB Percent	96%, 49%, 44%
CMY	0.0363, 0.5106, 0.5616
CMYK	0.00, 0.49, 0.55, 0.04
HSL	6°, 88%, 70%
HSV	6°, 55%, 96%
XYZ	48.1360, 35.3238, 19.5504
YIQ	159.6970, 76.2890, 21.6090

Conversions

Conversions Part 2

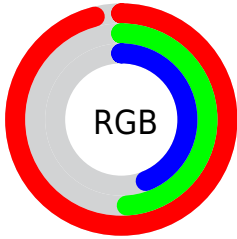
Format	Color
R _Y B	246, 126, 112
Decimal	16153968
CIE Lab	66.00, 45.10, 28.55
CIE LCh	66, 53.376, 32.334
Yxy	35.3238, 0.4673, 0.3429
Android (android.graphics.Color)	4294344048 (0xFFFF67D70)
YUV	159.6970, -23.5146, 75.6877
Hunter-Lab	59.4338, 40.5597, 22.1006

Details

The CIELCh color **66, 53.376, 32.334** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **86, 34.619, 208.746**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 31.679, 37.031**, and **46, 53.420, 32.271** is the 20% darker color. If you saturate the color by 10%, you get **62, 65.129, 34.100**, and if you desaturate by 10%, it is **71, 42.043, 30.977**.

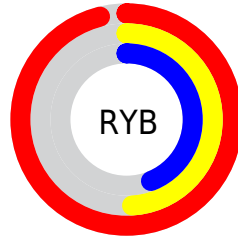
Distribution



Red (96%)

Green (49%)

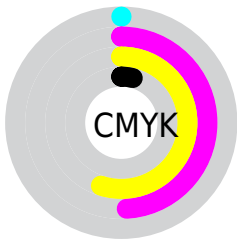
Blue (44%)



Red (96%)

Yellow (49%)

Blue (44%)

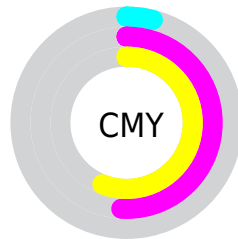


Cyan (0%)

Magenta (49%)

Yellow (55%)

Black (4%)



Cyan (4%)

Magenta (51%)

Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 53.376, 32.334 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, 53.376, 32.334 by changing the saturation by 10% instead.

 66, 53.376, 32.334

 66, 53.376, 32.334

 100, 53.376,
32.334

 56, 53.376, 32.334

 86, 53.376, 32.334

 46, 53.376, 32.334

 96, 53.376, 32.334

 36, 53.376, 32.334

 26, 53.376, 32.334

 16, 53.376, 32.334

 6, 53.376, 32.334

 0, 53.376, 32.334

 66, 53.376, 32.334

 66, 53.376, 32.334

 62, 65.129, 34.100

 71, 42.043, 30.977

58, 76.937, 36.245

76, 31.341, 29.966

55, 88.057, 38.538

82, 21.362, 29.233

53, 96.869, 40.274

88, 12.128, 28.704

52, 100.241,
40.893

94, 3.615, 28.238

99, 3.201, 199.409

Harmonies

Complementary

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



66, 53.376, 32.334



86, 34.619, 208.746

Rectangle

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



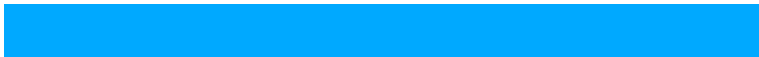
66, 53.376, 32.334



66, 53.376, 82.334



66, 53.376, 212.334



66, 53.376, 262.334

Sweetspot

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



66, 53.373, 32.337



90, 13.871, 28.775



67, 76.827, 329.879



47, 9.446, 28.875



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, 53.373, 32.337



63, 67.735, 34.223



80, 48.121, 76.452



48, 4.638, 28.485



39, 81.087, 41.123



9, 29.079, 30.180

Inverse Universe

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



86, 34.619, 208.746



88, 39.618, 209.424



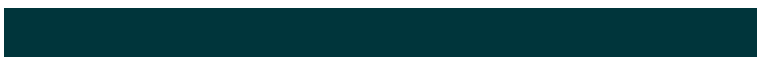
68, 44.696, 274.805



50, 4.360, 208.215



63, 35.314, 213.600



19, 15.873, 211.070

Previews

White Background



This preview shows how the CIELCh color 66, 53.376, 32.334 looks on a white background.

Color Contrast Check

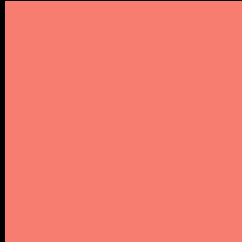
Large Text (above 18pt) WCAG AA × Fail

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, 53.376, 32.334 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, 53.376, 32.334

Background



This preview shows how black text looks on a background with the CIELCh color 66, 53.376, 32.334.

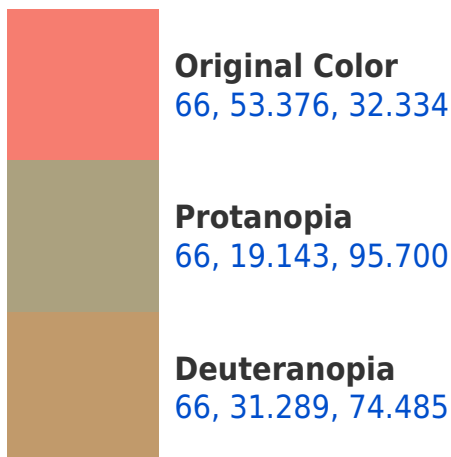


This preview shows how white text looks on a background with the CIELCh color 66, 53.376, 32.334.

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, 51.731, 20.136

Trichromacy



Original Color
66, 53.376, 32.334

Protanomaly
65, 26.453, 54.766

Deuteranomaly
66, 36.365, 52.074

Tritanomaly
66, 52.225, 24.701

Monochromacy



Original Color
66, 53.376, 32.334

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 18.203, 29.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 53.376, 32.334 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(246, 125, 112)` looks like.

```
.text, #text, p{  
    color:rgb(246, 125, 112)  
}
```

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(246, 125, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 125, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 53.376, 32.334 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(246, 125, 112) }
```

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

```
.border{ border-color:rgb(246, 125, 112) }
```

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

Here you see how a box with a 4 pixel rgb(246, 125, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 125, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 125, 112);  
box-shadow:4px 4px 4px 4px rgb(246, 125,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 53.376, 32.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 125, 112) }
```

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

```
.background{ background-color: rgb(246,  
125, 112) }
```

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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