

Converting Colors

CIELCh(63, 60.014, 32.785)

Have a look what the booklet for
CIELCh(63, 60.014, 32.785) contains.

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Color

CIELCh(63, 59.987, 32.709)

Conversions

Conversions Part 1

Format	Color
Hex	F56F62
RGB	245, 111, 98
RGB Percent	96%, 44%, 38%
CMY	0.0400, 0.5653, 0.6163
CMYK	0.00, 0.55, 0.60, 0.04
HSL	5°, 88%, 67%
HSV	5°, 60%, 96%
XYZ	45.4498, 31.5869, 15.2180
YIQ	149.5840, 84.0370, 24.3650

Conversions

Conversions Part 2

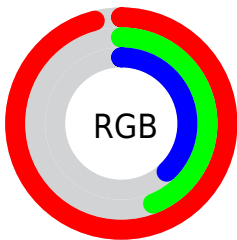
Format	Color
R _Y B	245, 112, 98
Decimal	16084834
CIE Lab	63.00, 50.47, 32.42
CIE LCh	63, 59.987, 32.709
Yxy	31.5869, 0.4927, 0.3424
Android (android.graphics.Color)	4294274914 (0xFFFF56F62)
YUV	149.5840, -25.4309, 83.6798
Hunter-Lab	56.2022, 45.9958, 23.2875

Details

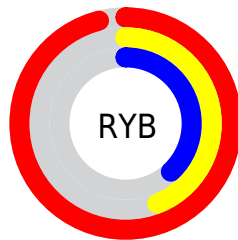
The CIELCh color **63, 59.987, 32.709** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **85, 36.950, 207.879**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 38.205, 35.935**, and **43, 59.882, 32.895** is the 20% darker color. If you saturate the color by 10%, you get **59, 71.803, 34.789**, and if you desaturate by 10%, it is **68, 48.387, 31.059**.

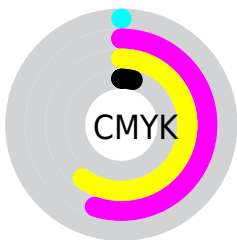
Distribution



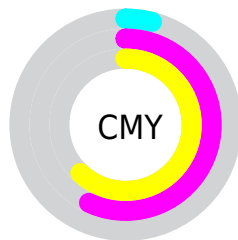
- Red (96%)
- Green (44%)
- Blue (38%)



- Red (96%)
- Yellow (44%)
- Blue (38%)



- Cyan (0%)
- Magenta (55%)
- Yellow (60%)
- Black (4%)



- Cyan (4%)
- Magenta (57%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 59.987, 32.709 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 63, 59.987, 32.709 by changing the saturation by 10% instead.

 63, 59.987, 32.709

 63, 59.987, 32.709

 100, 59.987,
32.709

 53, 59.987, 32.709

 83, 59.987, 32.709

 43, 59.987, 32.709

 93, 59.987, 32.709

 33, 59.987, 32.709

 23, 59.987, 32.709

 13, 59.987, 32.709

 3, 59.987, 32.709

 0, 59.987, 32.709

 63, 59.987, 32.709

 63, 59.987, 32.709

 59, 71.803, 34.789

 68, 48.387, 31.059

56, 83.305, 37.177

73, 37.302, 29.803

53, 93.353, 39.410

79, 26.887, 28.873

52, 100.127,
40.780

84, 17.208, 28.197

90, 8.266, 27.691

96, 0.027, 2.589

99, 3.525, 199.370

Harmonies

Complementary

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



63, 59.987, 32.709



85, 36.950, 207.879

Rectangle

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



63, 59.987, 32.709



63, 59.987, 82.709



63, 59.987, 212.709



63, 59.987, 262.709

Sweetspot

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



63, 59.984, 32.712



89, 15.851, 28.085



65, 82.824, 330.164



46, 11.149, 28.251



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 59.984, 32.712



60, 76.632, 35.279



79, 53.097, 75.628



48, 4.673, 27.666



39, 81.251, 40.993



9, 29.233, 29.717

Inverse Universe

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



85, 36.950, 207.879



87, 41.911, 208.724



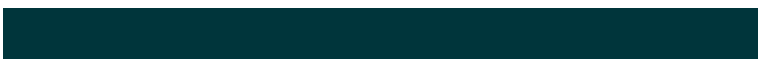
65, 49.131, 276.523



50, 4.392, 207.327



63, 35.567, 211.897



20, 15.985, 209.631

Previews

White Background



This preview shows how the CIELCh color 63, 59.987, 32.709 looks on a white background.

Color Contrast Check

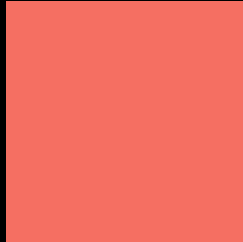
Large Text (above 18pt) WCAG AA × Fail

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 63, 59.987, 32.709 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 63, 59.987, 32.709

Background



This preview shows how black text looks on a background with the CIELCh color 63, 59.987, 32.709.

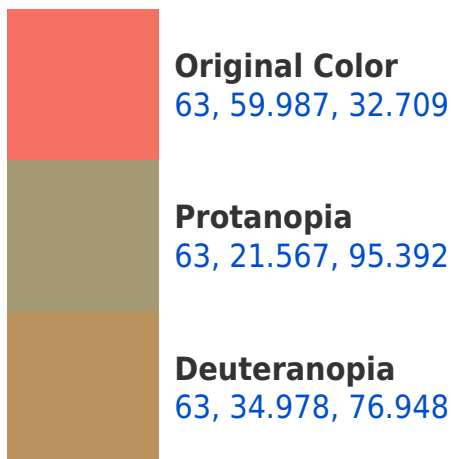


This preview shows how white text looks on a background with the CIELCh color 63, 59.987, 32.709.

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
63, 57.967, 22.509

Trichromacy



Original Color
63, 59.987, 32.709

Protanomaly
62, 29.503, 53.905

Deuteranomaly
62, 40.776, 53.265

Tritanomaly
63, 58.727, 26.529

Monochromacy



Original Color
63, 59.987, 32.709

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 20.662, 29.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 59.987, 32.709 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(245, 111, 98)` looks like.

```
.text, #text, p{  
    color:rgb(245, 111, 98)  
}
```

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(245, 111, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 111, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 59.987, 32.709 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(245, 111, 98) }
```

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

```
.border{ border-color:rgb(245, 111, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 111, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 111, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 111, 98);  
box-shadow:4px 4px 4px 4px rgb(245, 111,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 59.987, 32.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 111, 98) }
```

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

```
.background{ background-color: rgb(245,  
111, 98) }
```

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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