

Converting Colors

CIELCh(63, 64.661, 27.240)

Have a look what the booklet for
CIELCh(63, 64.661, 27.240) contains.

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Color

CIELCh(63, 64.480, 27.476)

Conversions

Conversions Part 1

Format	Color
Hex	FD6767
RGB	253, 103, 103
RGB Percent	99%, 40%, 40%
CMY	0.0076, 0.5958, 0.5959
CMYK	0.00, 0.59, 0.59, 0.01
HSL	0°, 97%, 70%
HSV	0°, 59%, 99%
XYZ	47.8381, 31.5869, 16.4209
YIQ	147.8500, 89.4000, 31.8000

Conversions

Conversions Part 2

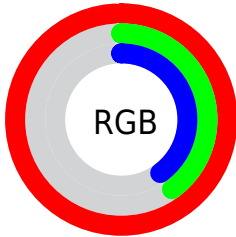
Format	Color
R _Y B	253, 103, 103
Decimal	16607079
CIE Lab	63.00, 57.21, 29.75
CIE LCh	63, 64.480, 27.476
Yxy	31.5869, 0.4991, 0.3296
Android (android.graphics.Color)	4294797159 (0xFFFD6767)
YUV	147.8500, -22.1110, 92.2166
Hunter-Lab	56.2022, 53.5815, 22.0185

Details

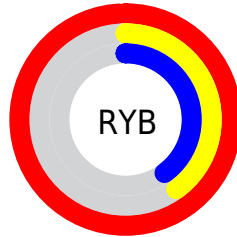
The CIELCh color **63, 64.480, 27.476** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **92, 41.182, 196.900**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 39.335, 26.795**, and **43, 64.321, 27.468** is the 20% darker color. If you saturate the color by 10%, you get **59, 76.540, 30.479**, and if you desaturate by 10%, it is **68, 52.299, 25.098**.

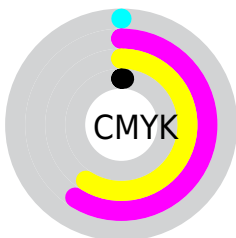
Distribution



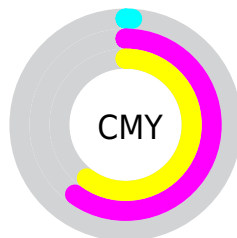
- Red (99%)
- Green (40%)
- Blue (40%)



- Red (99%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (59%)
- Yellow (59%)
- Black (1%)



- Cyan (1%)
- Magenta (60%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 64.480, 27.476 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, 64.480, 27.476 by changing the saturation by 10% instead.

 63, 64.480, 27.476

 63, 64.480, 27.476

 100, 64.480,
27.476

 53, 64.480, 27.476

 83, 64.480, 27.476

 43, 64.480, 27.476

 93, 64.480, 27.476

 33, 64.480, 27.476

 23, 64.480, 27.476

 13, 64.480, 27.476

 3, 64.480, 27.476

 0, 64.480, 27.476

 63, 64.480, 27.476

 63, 64.480, 27.476

 59, 76.540, 30.479

 68, 52.299, 25.098

■ 56, 87.924, 33.998

■ 74, 40.400, 23.265

■ 54, 97.563, 37.488

■ 80, 29.052, 21.865

■ 53, 103.594,
39.850

■ 86, 18.405, 20.789

■ 93, 8.513, 19.933

■ 53, 103.972,
40.001

■ 100, 0.635,
200.417

■ 100, 0.673,
200.348

Harmonies

Complementary

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



63, 64.480, 27.476



92, 41.182, 196.900

Rectangle

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



63, 64.480, 27.476



63, 64.480, 77.476



63, 64.480, 207.476



63, 64.480, 257.476

Sweetspot

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



63, 64.477, 27.479



88, 17.204, 20.671



68, 89.029, 327.439



45, 12.093, 20.948



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, 64.477, 27.479



59, 79.057, 31.065



78, 52.573, 67.865



49, 5.253, 19.951



40, 84.228, 40.001



10, 33.365, 27.181

Inverse Universe

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



92, 41.182, 196.900



92, 45.709, 196.651



71, 44.183, 267.948



52, 4.945, 198.971



70, 40.359, 196.401



24, 18.567, 196.400

Previews

White Background



This preview shows how the CIELCh color 63, 64.480, 27.476 looks on a white background.

Color Contrast Check

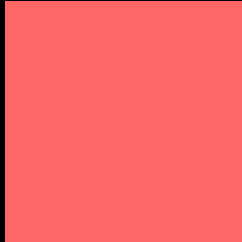
Large Text (above 18pt) WCAG AA × Fail

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, 64.480, 27.476 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, 64.480, 27.476

Background



This preview shows how black text looks on a background with the CIELCh color 63, 64.480, 27.476.

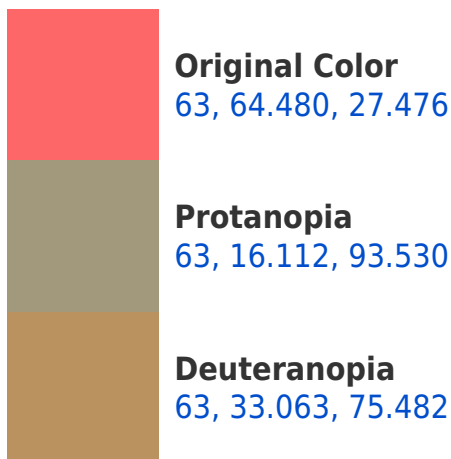


This preview shows how white text looks on a background with the CIELCh color 63, 64.480, 27.476.

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, 63.726, 24.345

Trichromacy



Original Color
63, 64.480, 27.476

Protanomaly
62, 28.544, 42.101

Deuteranomaly
62, 40.585, 47.052

Tritanomaly
63, 64.056, 25.285

Monochromacy



Original Color
63, 64.480, 27.476

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 22.370, 21.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 64.480, 27.476 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(253, 103, 103)` looks like.

```
.text, #text, p{  
    color:rgb(253, 103, 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(253, 103, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 103, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 64.480, 27.476 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(253, 103, 103) }
```

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

```
.border{ border-color:rgb(253, 103, 103) }
```

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

Here you see how a box with a 4 pixel rgb(253, 103, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 103, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 103, 103);  
box-shadow:4px 4px 4px 4px rgb(253, 103,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 64.480, 27.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 103, 103) }
```

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

```
.background{ background-color: rgb(253,  
103, 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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