

Converting Colors

CIELCh(73, 90.253, 32.430)

Have a look what the booklet for
CIELCh(73, 90.253, 32.430) contains.

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Color

CIELCh(63, 66.470, 30.975)

Conversions

Conversions Part 1

Format	Color
Hex	FE675F
RGB	254, 103, 95
RGB Percent	100%, 40%, 37%
CMY	0.0043, 0.5959, 0.6269
CMYK	0.00, 0.59, 0.63, 0.00
HSL	3°, 99%, 68%
HSV	3°, 63%, 100%
XYZ	47.7602, 31.5869, 14.4422
YIQ	147.2370, 92.5640, 29.5240

Conversions

Conversions Part 2

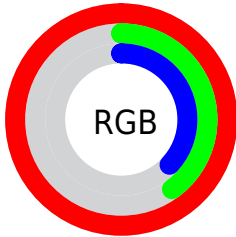
Format	Color
R_YB	254, 103, 95
Decimal	16672607
CIE Lab	63.00, 56.99, 34.21
CIE LCh	63, 66.470, 30.975
Yxy	31.5869, 0.5092, 0.3368
Android (android.graphics.Color)	4294862687 (0xFFFE675F)
YUV	147.2370, -25.7528, 93.6312
Hunter-Lab	56.2022, 53.3339, 24.1059

Details

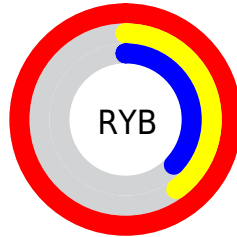
The CIELCh color **63, 66.470, 30.975** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **90, 40.385, 202.843**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 40.648, 32.560**, and **43, 66.676, 31.221** is the 20% darker color. If you saturate the color by 10%, you get **59, 78.582, 33.603**, and if you desaturate by 10%, it is **68, 54.317, 28.852**.

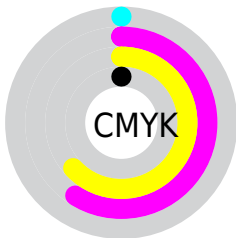
Distribution



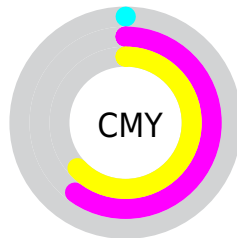
- Red (100%)
- Green (40%)
- Blue (37%)



- Red (100%)
- Yellow (40%)
- Blue (37%)



- Cyan (0%)
- Magenta (59%)
- Yellow (63%)
- Black (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 66.470, 30.975 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, 66.470, 30.975 by changing the saturation by 10% instead.

 63, 66.470, 30.975

 63, 66.470, 30.975

 100, 66.470,
30.975

 53, 66.470, 30.975

 83, 66.470, 30.975

 43, 66.470, 30.975

 93, 66.470, 30.975

 33, 66.470, 30.975

 23, 66.470, 30.975

 13, 66.470, 30.975

 3, 66.470, 30.975

 0, 66.470, 30.975

 63, 66.470, 30.975

 63, 66.470, 30.975

 59, 78.582, 33.603

 68, 54.317, 28.852

■ 56, 89.987, 36.539

■ 73, 42.522, 27.209

■ 54, 99.235, 39.110

■ 79, 31.321, 25.964

■ 53, 103.629,
40.356

■ 85, 20.841, 25.030

■ 91, 11.123, 24.316

■ 98, 2.151, 23.561

100, 0.384,
201.105

Harmonies

Complementary

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



63, 66.470, 30.975



90, 40.385, 202.843

Rectangle

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



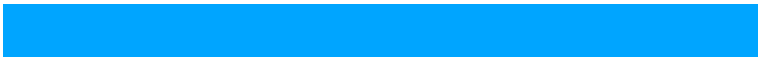
63, 66.470, 30.975



63, 66.470, 80.975



63, 66.470, 210.975



63, 66.470, 260.975

Sweetspot

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



63, 66.467, 30.978



88, 17.392, 24.758



67, 90.949, 328.605



45, 12.110, 24.977



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, 66.467, 30.978



58, 81.800, 34.321



79, 56.235, 70.582



50, 5.005, 24.127



40, 83.549, 40.501



10, 32.377, 29.604

Inverse Universe

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



90, 40.385, 202.843



89, 44.231, 203.231



68, 48.929, 272.609



52, 4.706, 203.488



67, 37.775, 204.652



23, 17.505, 203.593

Previews

White Background



This preview shows how the CIELCh color 63, 66.470, 30.975 looks on a white background.

Color Contrast Check

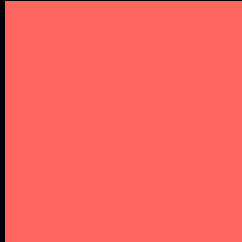
Large Text (above 18pt) WCAG AA × Fail

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, 66.470, 30.975 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, 66.470, 30.975

Background



This preview shows how black text looks on a background with the CIELCh color 63, 66.470, 30.975.

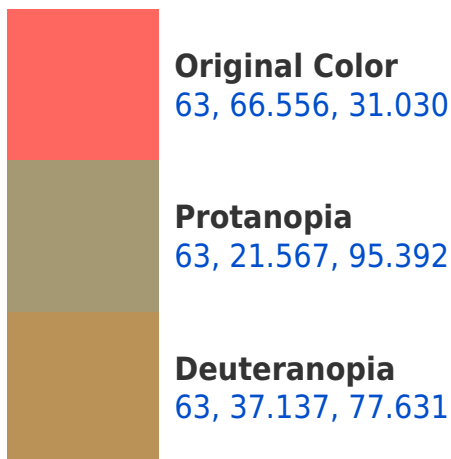


This preview shows how white text looks on a background with the CIELCh color 63, 66.470, 30.975.

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, 64.989, 24.619

Trichromacy



Original Color
63, 66.556, 31.030

Protanomaly
62, 31.669, 49.534

Deuteranomaly
62, 43.749, 51.244

Tritanomaly
63, 65.577, 27.229

Monochromacy



Original Color
63, 66.556, 31.030

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 23.107, 25.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 66.470, 30.975 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(254, 103, 95)` looks like.

```
.text, #text, p{  
    color:rgb(254, 103, 95)  
}
```

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(254, 103, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 103, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 66.470, 30.975 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(254, 103, 95) }
```

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

```
.border{ border-color:rgb(254, 103, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 103, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 103, 95); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 103, 95); box-shadow:4px 4px 4px 4px rgb(254, 103, 95) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 66.470, 30.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 103, 95) }
```

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

```
.background{ background-color: rgb(254,  
103, 95) }
```

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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