

Converting Colors

CIELCh(63, 66.992, 27.947)

Have a look what the booklet for
CIELCh(63, 66.992, 27.947) contains.

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Color

CIELCh(63, 66.731, 27.892)

Conversions

Conversions Part 1

Format	Color
Hex	FF6565
RGB	255, 101, 101
RGB Percent	100%, 40%, 40%
CMY	0.0000, 0.6051, 0.6055
CMYK	0.00, 0.61, 0.61, 0.00
HSL	0°, 100%, 70%
HSV	0°, 61%, 100%
XYZ	48.4804, 31.5869, 15.7511
YIQ	147.0460, 91.7840, 32.6480

Conversions

Conversions Part 2

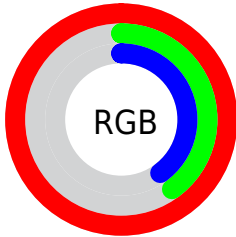
Format	Color
R _Y B	255, 101, 101
Decimal	16737637
CIE Lab	63.00, 58.98, 31.22
CIE LCh	63, 66.731, 27.892
Yxy	31.5869, 0.5060, 0.3297
Android (android.graphics.Color)	4294927717 (0xFFFF6565)
YUV	147.0460, -22.7007, 94.6757
Hunter-Lab	56.2022, 55.6213, 22.7251

Details

The CIELCh color **63, 66.731, 27.892** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **92, 41.944, 196.928**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 40.262, 26.829**, and **43, 66.205, 27.919** is the 20% darker color. If you saturate the color by 10%, you get **59, 78.503, 30.933**, and if you desaturate by 10%, it is **68, 54.151, 25.404**.

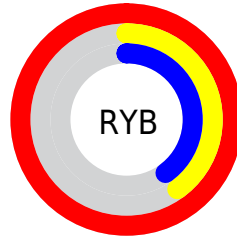
Distribution



Red (100%)

Green (40%)

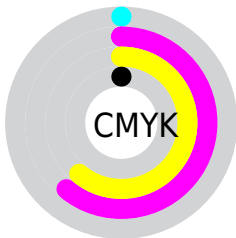
Blue (40%)



Red (100%)

Yellow (40%)

Blue (40%)

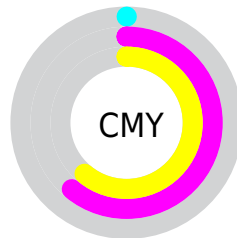


Cyan (0%)

Magenta (61%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (61%)

Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 66.731, 27.892 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, 66.731, 27.892 by changing the saturation by 10% instead.

 63, 66.731, 27.892

 63, 66.731, 27.892

 100, 66.731,
27.892

 53, 66.731, 27.892

 83, 66.731, 27.892

 43, 66.731, 27.892

 93, 66.731, 27.892

 33, 66.731, 27.892

 23, 66.731, 27.892

 13, 66.731, 27.892

 3, 66.731, 27.892

 0, 66.731, 27.892

 63, 66.731, 27.892

 63, 66.731, 27.892

 59, 78.503, 30.933

 68, 54.151, 25.404

■ 56, 89.813, 34.488

■ 73, 42.128, 23.509

■ 54, 99.150, 37.889

■ 80, 30.632, 22.062

■ 53, 104.568,
40.005

■ 86, 19.829, 20.953

■ 93, 9.783, 20.077

100, 0.490, 18.144

100, 0.012,
296.813

Harmonies

Complementary

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



63, 66.731, 27.892



92, 41.944, 196.928

Rectangle

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



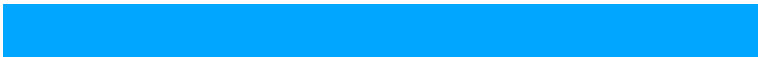
63, 66.731, 27.892



63, 66.731, 77.892



63, 66.731, 207.892



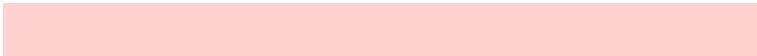
63, 66.731, 257.892

Sweetspot

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



63, 66.414, 27.859



88, 17.195, 20.712



68, 91.067, 327.487



45, 12.087, 20.988



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, 66.414, 27.859



58, 81.378, 31.773



78, 54.157, 67.690



49, 5.251, 19.994



40, 84.221, 40.006



10, 33.354, 27.207

Inverse Universe

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



92, 41.944, 196.928



92, 46.256, 196.684



71, 45.357, 268.386



52, 4.942, 199.017



70, 40.328, 196.483



24, 18.555, 196.471

Previews

White Background



This preview shows how the CIELCh color 63, 66.731, 27.892 looks on a white background.

Color Contrast Check

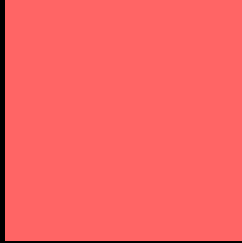
Large Text (above 18pt) WCAG AA × Fail

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, 66.731, 27.892 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, 66.731, 27.892

Background



This preview shows how black text looks on a background with the CIELCh color 63, 66.731, 27.892.

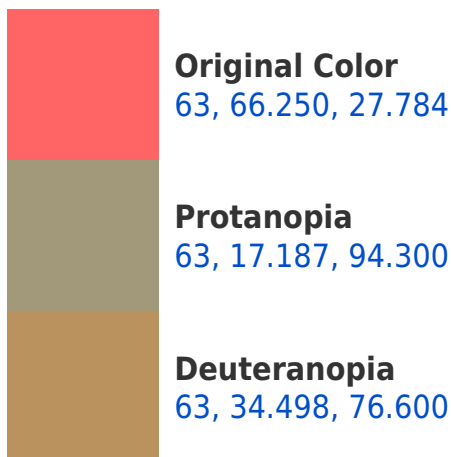


This preview shows how white text looks on a background with the CIELCh color 63, 66.731, 27.892.

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, 65.624, 25.210

Trichromacy



Original Color
63, 66.250, 27.784

Protanomaly
61, 29.702, 42.491

Deuteranomaly
62, 41.592, 48.805

Tritanomaly
63, 65.975, 26.116

Monochromacy



Original Color
63, 66.250, 27.784

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 23.291, 21.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 66.731, 27.892 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(255, 101, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 101, 101)  
}
```

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(255, 101, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 101, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 66.731, 27.892 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(255, 101, 101) }
```

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

```
.border{ border-color:rgb(255, 101, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 101, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 101, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 101, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 101,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 66.731, 27.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 101, 101) }
```

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

```
.background{ background-color: rgb(255,  
101, 101) }
```

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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