

Converting Colors

CIELCh(61, 72.688, 31.354)

Have a look what the booklet for
CIELCh(61, 72.688, 31.354) contains.

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Color

CIELCh(61, 72.876, 31.391)

Conversions

Conversions Part 1

Format	Color
Hex	FF5A54
RGB	255, 90, 84
RGB Percent	100%, 35%, 33%
CMY	0.0000, 0.6467, 0.6703
CMYK	0.00, 0.65, 0.67, 0.00
HSL	2°, 100%, 66%
HSV	2°, 67%, 100%
XYZ	46.5444, 29.2481, 11.5954
YIQ	138.6510, 100.2660, 33.1140

Conversions

Conversions Part 2

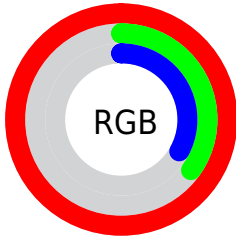
Format	Color
RYB	255, 90, 84
Decimal	16734804
CIELab	61.00, 62.21, 37.96
CIELCh	61, 72.876, 31.391
Yxy	29.2481, 0.5326, 0.3347
Android (android.graphics.Color)	4294924884 (0xFFFF5A54)
YUV	138.6510, -26.9429, 102.0381
Hunter-Lab	54.0815, 58.9803, 25.1450

Details

The CIELCh color **61, 72.876, 31.391** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **90, 42.708, 201.060**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 46.353, 32.139**, and **41, 72.955, 31.491** is the 20% darker color. If you saturate the color by 10%, you get **57, 84.716, 34.382**, and if you desaturate by 10%, it is **65, 60.594, 28.886**.

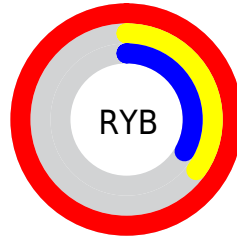
Distribution



Red (100%)

Green (35%)

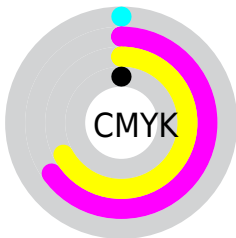
Blue (33%)



Red (100%)

Yellow (35%)

Blue (33%)

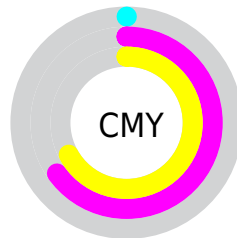


Cyan (0%)

Magenta (65%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (65%)

Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 72.876, 31.391 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 61, 72.876, 31.391 by changing the saturation by 10% instead.

 61, 72.876, 31.391

 61, 72.876, 31.391

 100, 72.876,
31.391

 51, 72.876, 31.391

 81, 72.876, 31.391

 41, 72.876, 31.391

 91, 72.876, 31.391

 31, 72.876, 31.391

 21, 72.876, 31.391

 11, 72.876, 31.391

 1, 72.876, 31.391

 0, 72.876, 31.391

 61, 72.876, 31.391

 61, 72.876, 31.391

 57, 84.716, 34.382

 65, 60.594, 28.886

■ 55, 95.312, 37.479

■ 71, 48.500, 26.916

■ 54, 102.623,
39.686

■ 76, 36.870, 25.409

■ 53, 104.155,
40.247

■ 82, 25.897, 24.268

■ 89, 15.673, 23.401

■ 95, 6.211, 22.698

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.



61, 72.876, 31.391



90, 42.708, 201.060

Rectangle

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



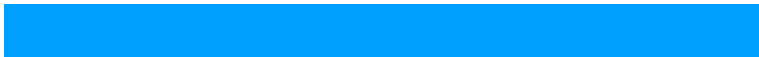
61, 72.876, 31.391



61, 72.876, 81.391



61, 72.876, 211.391



61, 72.876, 261.391

Sweetspot

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



61, 72.833, 31.391



87, 18.630, 23.635



65, 95.919, 328.780



44, 12.856, 23.874



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 72.833, 31.391



57, 88.062, 35.322



78, 60.776, 69.903



50, 5.075, 22.868



40, 83.745, 40.355



10, 32.653, 28.896

Inverse Universe

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



90, 42.708, 201.060



89, 45.968, 201.344



66, 52.563, 274.223



52, 4.773, 202.125



68, 38.458, 202.119



23, 17.790, 201.396

Previews

White Background



This preview shows how the CIELCh color 61, 72.876, 31.391 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 72.876, 31.391 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 72.876, 31.391

Background



This preview shows how black text looks on a background with the CIELCh color 61, 72.876, 31.391.



This preview shows how white text looks on a background with the CIELCh color 61, 72.876, 31.391.

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
61, 70.954, 27.116

Trichromacy



Original Color
61, 72.876, 31.391

Protanomaly
59, 34.962, 48.270

Deuteranomaly
60, 48.216, 52.271

Tritanomaly
61, 71.777, 28.752

Monochromacy



Original Color
61, 72.876, 31.391

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 25.549, 24.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 72.876, 31.391 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, 90, 84)` looks like.

```
.text, #text, p{  
    color:rgb(255, 90, 84)  
}
```

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, 90, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 90, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 72.876, 31.391 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, 90, 84) }
```

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

```
.border{ border-color:rgb(255, 90, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 90, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 90, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 90, 84);  
box-shadow:4px 4px 4px 4px rgb(255, 90,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 72.876, 31.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 90, 84) }
```

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

```
.background{ background-color: rgb(255, 90,  
84) }
```

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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