

Converting Colors

CIELCh(61, 74.635, 33.265)

Have a look what the booklet for
CIELCh(61, 74.635, 33.265) contains.

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Color

CIELCh(61, 74.101, 33.262)

Conversions

Conversions Part 1

Format	Color
Hex	FF5A4F
RGB	255, 90, 79
RGB Percent	100%, 35%, 31%
CMY	0.0000, 0.6459, 0.6893
CMYK	0.00, 0.65, 0.69, 0.00
HSL	4°, 100%, 66%
HSV	4°, 69%, 100%
XYZ	46.4565, 29.2481, 10.6386
YIQ	138.0810, 101.8710, 31.5590

Conversions

Conversions Part 2

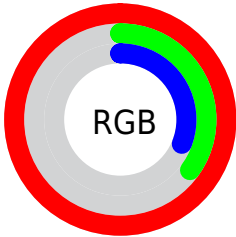
Format	Color
R_{YB}	255, 91, 79
Decimal	16734799
CIE _{Lab}	61.00, 61.96, 40.64
CIE _{LCh}	61, 74.101, 33.262
Yxy	29.2481, 0.5380, 0.3387
Android (android.graphics.Color)	4294924879 (0xFFFF5A4F)
YUV	138.0810, -29.1269, 102.5380
Hunter-Lab	54.0815, 58.6902, 26.1939

Details

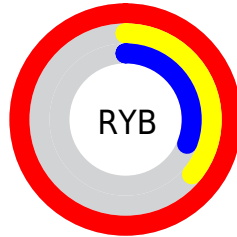
The CIELCh color **61, 74.101, 33.262** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **89, 42.078, 204.825**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 47.419, 35.109**, and **41, 74.305, 33.350** is the 20% darker color. If you saturate the color by 10%, you get **58, 85.842, 35.960**, and if you desaturate by 10%, it is **65, 61.742, 30.947**.

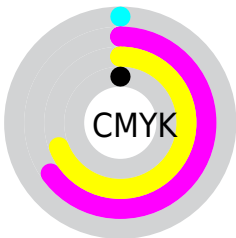
Distribution



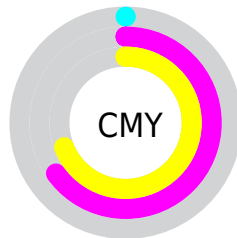
- Red (100%)
- Green (35%)
- Blue (31%)



- Red (100%)
- Yellow (36%)
- Blue (31%)



- Cyan (0%)
- Magenta (65%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 74.101, 33.262 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, 74.101, 33.262 by changing the saturation by 10% instead.

 61, 74.101, 33.262

 61, 74.101, 33.262

 100, 74.101,
33.262

 51, 74.101, 33.262

 81, 74.101, 33.262

 41, 74.101, 33.262

 91, 74.101, 33.262

 31, 74.101, 33.262

 21, 74.101, 33.262

 11, 74.101, 33.262

 1, 74.101, 33.262

 0, 74.101, 33.262

 61, 74.101, 33.262

 61, 74.101, 33.262

 58, 85.842, 35.960

 65, 61.742, 30.947

■ 55, 96.260, 38.601

■ 70, 49.690, 29.113

■ 54, 103.187,
40.284

■ 76, 38.131, 27.713

■ 54, 103.779,
40.472

■ 82, 27.245, 26.664

■ 88, 17.113, 25.882

■ 94, 7.746, 25.275

■ 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, 74.101, 33.262



89, 42.078, 204.825

Rectangle

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



61, 74.101, 33.262



61, 74.101, 83.262



61, 74.101, 213.262



61, 74.101, 263.262

Sweetspot

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



61, 73.971, 33.259



87, 19.149, 26.026



65, 96.629, 329.418



44, 13.109, 26.232



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, 73.971, 33.259



56, 90.357, 37.088



78, 62.748, 71.149



50, 4.944, 25.308



40, 83.363, 40.641



10, 32.132, 30.253

Inverse Universe

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



89, 42.078, 204.825



88, 45.074, 205.677



65, 55.468, 276.568



52, 4.647, 204.768



67, 37.209, 207.058



22, 17.264, 205.670

Previews

White Background



This preview shows how the CIELCh color 61, 74.101, 33.262 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, 74.101, 33.262 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, 74.101, 33.262

Background



This preview shows how black text looks on a background with the CIELCh color 61, 74.101, 33.262.



This preview shows how white text looks on a background with the CIELCh color 61, 74.101, 33.262.

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



Original Color

61, 74.101, 33.262

Protanopia

61, 26.751, 94.989

Deuteranopia

61, 43.573, 79.315



Tritanopia
61, 70.954, 27.116

Trichromacy



Original Color
61, 74.101, 33.262

Protanomaly
59, 37.472, 51.898

Deuteranomaly
60, 50.471, 54.114

Tritanomaly
61, 71.992, 29.153

Monochromacy



Original Color
61, 74.101, 33.262

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 25.795, 27.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 74.101, 33.262 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, 79)` looks like.

```
.text, #text, p{  
    color:rgb(255, 90, 79)  
}
```

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, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 90, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 74.101, 33.262 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, 79) }
```

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

```
.border{ border-color:rgb(255, 90, 79) }
```

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, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 90, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 90, 79);  
box-shadow:4px 4px 4px 4px rgb(255, 90,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 74.101, 33.262 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, 79) }
```

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

```
.background{ background-color: rgb(255, 90,  
79) }
```

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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