

Converting Colors

CIELCh(60, 75.256, 31.911)

Have a look what the booklet for
CIELCh(60, 75.256, 31.911) contains.

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Color

CIELCh(60, 74.899, 31.869)

Conversions

Conversions Part 1

Format	Color
Hex	FE554F
RGB	254, 85, 79
RGB Percent	100%, 33%, 31%
CMY	0.0040, 0.6667, 0.6903
CMYK	0.00, 0.67, 0.69, 0.00
HSL	2°, 99%, 65%
HSV	2°, 69%, 100%
XYZ	45.5205, 28.1233, 10.4227
YIQ	134.8470, 102.6500, 33.9620

Conversions

Conversions Part 2

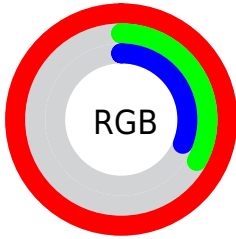
Format	Color
R_{YB}	254, 85, 79
Decimal	16667983
CIE _{Lab}	60.00, 63.61, 39.55
CIE _{LCh}	60, 74.899, 31.869
Yxy	28.1233, 0.5415, 0.3345
Android (android.graphics.Color)	4294858063 (0xFFFE554F)
YUV	134.8470, -27.5326, 104.4972
Hunter-Lab	53.0314, 60.4138, 25.4692

Details

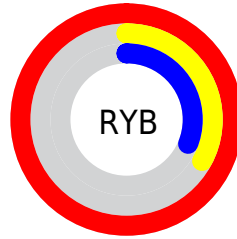
The CIELCh color **60, 74.899, 31.869** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **90, 43.201, 200.966**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 48.491, 32.657**, and **40, 74.898, 31.748** is the 20% darker color. If you saturate the color by 10%, you get **57, 86.588, 34.937**, and if you desaturate by 10%, it is **64, 62.720, 29.258**.

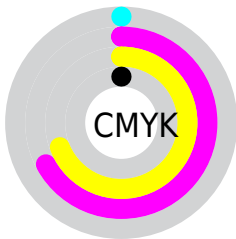
Distribution



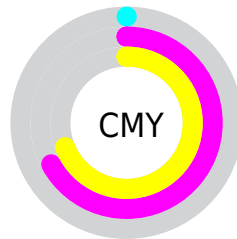
- Red (100%)
- Green (33%)
- Blue (31%)



- Red (100%)
- Yellow (33%)
- Blue (31%)



- Cyan (0%)
- Magenta (67%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (67%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 74.899, 31.869 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 60, 74.899, 31.869 by changing the saturation by 10% instead.

 60, 74.899, 31.869

 60, 74.899, 31.869

 100, 74.899,
31.869

 50, 74.899, 31.869

 80, 74.899, 31.869

 40, 74.899, 31.869

 90, 74.899, 31.869

 30, 74.899, 31.869

 20, 74.899, 31.869

 10, 74.899, 31.869

 0, 74.899, 31.869

 60, 74.899, 31.869

 60, 74.899, 31.869

 57, 86.588, 34.937

 64, 62.720, 29.258

 54, 96.724, 37.976

 69, 50.607, 27.184

■ 53, 103.281,
40.016

■ 75, 38.904, 25.592

■ 81, 27.828, 24.386

■ 53, 103.845,
40.242

■ 87, 17.487, 23.470

■ 94, 7.907, 22.747

100, 0.357,
201.240

Harmonies

Complementary

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



60, 74.899, 31.869



90, 43.201, 200.966

Rectangle

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



60, 74.899, 31.869



60, 74.899, 81.869



60, 74.899, 211.869



60, 74.899, 261.869

Sweetspot

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



60, 74.896, 31.872



86, 19.658, 23.643



65, 97.386, 328.848



44, 13.454, 23.885



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 74.896, 31.872



56, 91.324, 36.241



77, 62.351, 69.615



50, 5.079, 22.789



40, 83.757, 40.346



10, 32.671, 28.851

Inverse Universe

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



90, 43.201, 200.966



89, 46.512, 201.305



65, 53.828, 274.914



52, 4.777, 202.039



68, 38.504, 201.960



23, 17.809, 201.258

Previews

White Background



This preview shows how the CIELCh color 60, 74.899, 31.869 looks on a white background.

Color Contrast Check

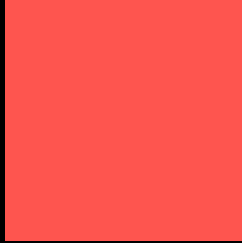
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 74.899, 31.869 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 60, 74.899, 31.869

Background



This preview shows how black text looks on a background with the CIELCh color 60, 74.899, 31.869.



This preview shows how white text looks on a background with the CIELCh color 60, 74.899, 31.869.

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

60, 74.899, 31.869

Protanopia

60, 25.015, 96.353

Deuteranopia

60, 42.973, 79.539



Tritanopia
60, 73.095, 28.150

Trichromacy



Original Color
60, 74.899, 31.869

Protanomaly
58, 36.255, 49.322

Deuteranomaly
59, 49.617, 52.847

Tritanomaly
60, 73.745, 29.331

Monochromacy



Original Color
60, 74.899, 31.869

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 26.159, 24.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 74.899, 31.869 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, 85, 79)` looks like.

```
.text, #text, p{  
    color:rgb(254, 85, 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(254, 85, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 85, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 74.899, 31.869 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, 85, 79) }
```

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

```
.border{ border-color:rgb(254, 85, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 85, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 85, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 85, 79);  
box-shadow:4px 4px 4px 4px rgb(254, 85,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 74.899, 31.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 85, 79) }
```

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

```
.background{ background-color: rgb(254, 85,  
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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