

Converting Colors

CIELCh(60, 78.068, 36.551)

Have a look what the booklet for
CIELCh(60, 78.068, 36.551) contains.

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Color

CIELCh(60, 78.067, 36.621)

Conversions

Conversions Part 1

Format	Color
Hex	FE5642
RGB	254, 86, 66
RGB Percent	100%, 34%, 26%
CMY	0.0039, 0.6627, 0.7411
CMYK	0.00, 0.66, 0.74, 0.00
HSL	6°, 99%, 63%
HSV	6°, 74%, 100%
XYZ	45.1890, 28.1233, 8.2019
YIQ	133.9520, 106.5480, 29.3960

Conversions

Conversions Part 2

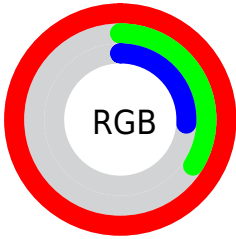
Format	Color
R_{YB}	254, 88, 66
Decimal	16668226
CIE _{Lab}	60.00, 62.66, 46.57
CIE _{LCh}	60, 78.067, 36.621
Yxy	28.1233, 0.5544, 0.3450
Android (android.graphics.Color)	4294858306 (0xFFFE5642)
YUV	133.9520, -33.5003, 105.2821
Hunter-Lab	53.0314, 59.2979, 27.9521

Details

The CIELCh color **60, 78.067, 36.621** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **86, 41.644, 211.725**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 51.897, 40.181**, and **40, 77.873, 36.583** is the 20% darker color. If you saturate the color by 10%, you get **57, 89.566, 38.797**, and if you desaturate by 10%, it is **64, 65.927, 34.597**.

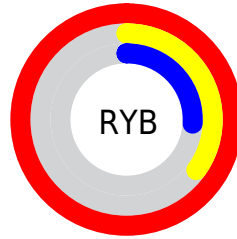
Distribution



Red (100%)

Green (34%)

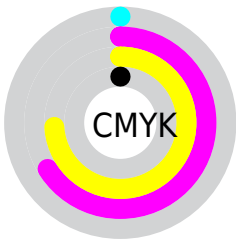
Blue (26%)



Red (100%)

Yellow (35%)

Blue (26%)

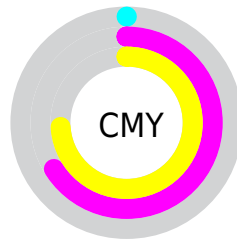


Cyan (0%)

Magenta (66%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (66%)

Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 78.067, 36.621 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, 78.067, 36.621 by changing the saturation by 10% instead.

 60, 78.067, 36.621

 60, 78.067, 36.621

 100, 78.067,
36.621

 50, 78.067, 36.621

 80, 78.067, 36.621

 40, 78.067, 36.621

 90, 78.067, 36.621

 30, 78.067, 36.621

 20, 78.067, 36.621

 10, 78.067, 36.621

 0, 78.067, 36.621

 60, 78.067, 36.621

 60, 78.067, 36.621

 57, 89.566, 38.797

 64, 65.927, 34.597

 55, 98.810, 40.443

 69, 53.894, 32.938

54, 102.602,
41.007

74, 42.333, 31.666

79, 31.437, 30.728

85, 21.292, 30.056

91, 11.915, 29.580

97, 3.273, 29.141

100, 0.344,
201.311

Harmonies

Complementary

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



60, 78.067, 36.621



86, 41.644, 211.725

Rectangle

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



60, 78.067, 36.621



60, 78.067, 86.621



60, 78.067, 216.621



60, 78.067, 266.621

Sweetspot

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



60, 78.064, 36.624



86, 19.404, 29.947



62, 97.202, 331.486



44, 13.187, 30.096



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, 78.064, 36.624



56, 94.908, 39.753



78, 67.770, 74.836



50, 4.759, 29.403



41, 82.575, 41.249



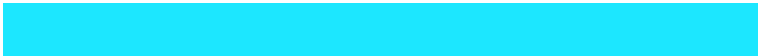
11, 31.382, 32.393

Inverse Universe

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



86, 41.644, 211.725



84, 43.973, 213.863



59, 64.464, 282.920



52, 4.472, 209.209



64, 35.776, 215.550



21, 16.619, 212.969

Previews

White Background



This preview shows how the CIELCh color 60, 78.067, 36.621 looks on a white background.

Color Contrast Check

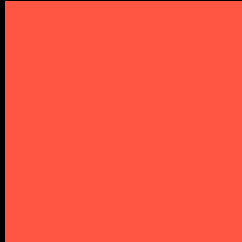
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78.067, 36.621 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, 78.067, 36.621

Background



This preview shows how black text looks on a background with the CIELCh color 60, 78.067, 36.621.



This preview shows how white text looks on a background with the CIELCh color 60, 78.067, 36.621.

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, 78.067, 36.621

Protanopia

60, 33.776, 95.686

Deuteranopia

60, 49.710, 80.991



Tritanopia
60, 73.740, 27.950

Trichromacy



Original Color
60, 78.067, 36.621

Protanomaly
58, 42.625, 57.896

Deuteranomaly
59, 55.657, 57.397

Tritanomaly
60, 75.293, 31.271

Monochromacy



Original Color
60, 78.067, 36.621

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 27.066, 31.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 78.067, 36.621 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, 86, 66)` looks like.

```
.text, #text, p{  
    color:rgb(254, 86, 66)  
}
```

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, 86, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 86, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 78.067, 36.621 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, 86, 66) }
```

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

```
.border{ border-color:rgb(254, 86, 66) }
```

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

Here you see how a box with a 4 pixel rgb(254, 86, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 86, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 86, 66);  
box-shadow:4px 4px 4px 4px rgb(254, 86,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 78.067, 36.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 86, 66) }
```

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

```
.background{ background-color: rgb(254, 86,  
66) }
```

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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