

Converting Colors

CIELCh(57, 84.743, 36.969)

Have a look what the booklet for
CIELCh(57, 84.743, 36.969) contains.

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Color

CIELCh(57, 84.755, 36.984)

Conversions

Conversions Part 1

Format	Color
Hex	FB4433
RGB	251, 68, 51
RGB Percent	98%, 27%, 20%
CMY	0.0152, 0.7328, 0.7996
CMYK	0.00, 0.73, 0.80, 0.02
HSL	5°, 96%, 59%
HSV	5°, 80%, 98%
XYZ	42.5048, 24.9227, 5.7130
YIQ	120.7790, 114.5250, 33.5090

Conversions

Conversions Part 2

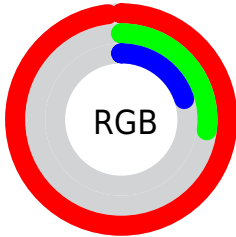
Format	Color
RYB	251, 70, 51
Decimal	16466995
CIELab	57.00, 67.70, 50.99
CIELCh	57, 84.755, 36.984
Yxy	24.9227, 0.5811, 0.3408
Android (android.graphics.Color)	4294657075 (0xFFFB4433)
YUV	120.7790, -34.4010, 114.2038
Hunter-Lab	49.9226, 64.6128, 28.1608

Details

The CIELCh color **57, 84.755, 36.984** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **85, 43.105, 208.935**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 59.384, 39.159**, and **39, 81.762, 39.344** is the 20% darker color. If you saturate the color by 10%, you get **55, 95.051, 39.281**, and if you desaturate by 10%, it is **60, 72.998, 34.558**.

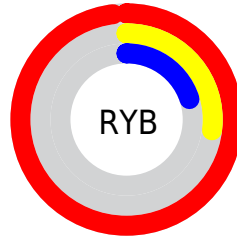
Distribution



Red (98%)

Green (27%)

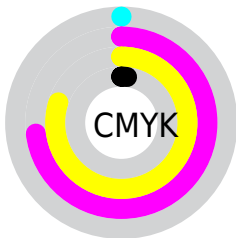
Blue (20%)



Red (98%)

Yellow (27%)

Blue (20%)

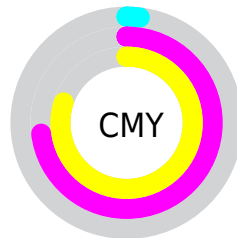


Cyan (0%)

Magenta (73%)

Yellow (80%)

Black (2%)



Cyan (2%)

Magenta (73%)

Yellow (80%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 84.755, 36.984 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 57, 84.755, 36.984 by changing the saturation by 10% instead.

 57, 84.755, 36.984

 57, 84.755, 36.984

 100, 84.755,
36.984

 47, 84.755, 36.984

 77, 84.755, 36.984

 37, 84.755, 36.984

 87, 84.755, 36.984

 27, 84.755, 36.984

 97, 84.755, 36.984

 17, 84.755, 36.984

 7, 84.755, 36.984

 0, 84.755, 36.984

 57, 84.755, 36.984

 57, 84.755, 36.984

 55, 95.051, 39.281

 60, 72.998, 34.558

 53, 101.969,

 65, 60.930, 32.456

40.669

69, 49.090, 30.786

53, 102.171,
40.724

75, 37.773, 29.516

80, 27.140, 28.576

86, 17.260, 27.890

93, 8.132, 27.373

99, 0.280, 209.492

100, 1.344,
199.813

Harmonies

Complementary

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



57, 84.755, 36.984



85, 43.105, 208.935

Rectangle

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



57, 84.755, 36.984



57, 84.755, 86.984



57, 84.755, 216.984



57, 84.755, 266.984

Sweetspot

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



57, 84.752, 36.986



85, 21.729, 28.163



61, 101.125, 331.090



43, 15.149, 28.416



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 84.752, 36.986



54, 101.030, 40.219



75, 71.487, 72.294



49, 4.766, 27.365



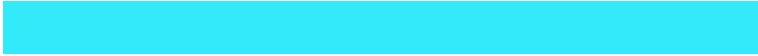
40, 82.153, 40.935



10, 30.516, 30.491

Inverse Universe

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



85, 43.105, 208.935



85, 45.050, 210.995



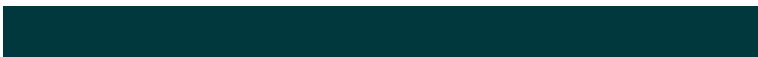
57, 67.095, 283.707



51, 4.480, 206.999



64, 36.028, 211.288



21, 16.468, 209.217

Previews

White Background



This preview shows how the CIELCh color 57, 84.755, 36.984 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 57, 84.755, 36.984 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 57, 84.755, 36.984

Background



This preview shows how black text looks on a background with the CIELCh color 57, 84.755, 36.984.



This preview shows how white text looks on a background with the CIELCh color 57, 84.755, 36.984.

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

57, 84.755, 36.984

Protanopia

57, 37.143, 95.855

Deuteranopia

57, 54.358, 82.332



Tritanopia
57, 81.053, 31.344

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 84.755, 36.984 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(251, 68, 51)` looks like.

```
.text, #text, p{  
    color:rgb(251, 68, 51)  
}
```

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(251, 68, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 68, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 84.755, 36.984 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(251, 68, 51) }
```

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

```
.border{ border-color:rgb(251, 68, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 68, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 68, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 68, 51);  
box-shadow:4px 4px 4px 4px rgb(251, 68,  
51) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 84.755, 36.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 68, 51) }
```

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

```
.background{ background-color: rgb(251, 68,  
51) }
```

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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