

Converting Colors

CIELCh(57, 84.041, 32.562)

Have a look what the booklet for
CIELCh(57, 84.041, 32.562) contains.

CIELCh(57, 84.109, 32.662)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(57, 84.109, 32.662)

Conversions

Conversions Part 1

Format	Color
Hex	FE3E3E
RGB	254, 62, 62
RGB Percent	100%, 24%, 24%
CMY	0.0032, 0.7560, 0.7563
CMYK	0.00, 0.76, 0.76, 0.00
HSL	0°, 99%, 62%
HSV	0°, 76%, 100%
XYZ	43.5491, 24.9227, 7.0920
YIQ	119.4080, 114.4320, 40.7040

Conversions

Conversions Part 2

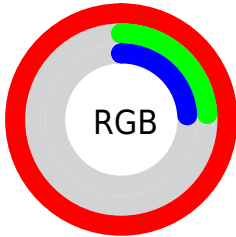
Format	Color
RYB	254, 62, 62
Decimal	16662078
CIELab	57.00, 70.81, 45.39
CIELCh	57, 84.109, 32.662
Yxy	24.9227, 0.5763, 0.3298
Android (android.graphics.Color)	4294852158 (0xFFFE3E3E)
YUV	119.4080, -28.3021, 118.0372
Hunter-Lab	49.9226, 68.3469, 26.5231

Details

The CIELCh color **57, 84.109, 32.662** 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 **91, 46.823, 196.618**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **67, 57.859, 32.704**, and **39, 79.463, 36.156** is the 20% darker color. If you saturate the color by 10%, you get **55, 94.620, 36.270**, and if you desaturate by 10%, it is **61, 72.342, 29.308**.

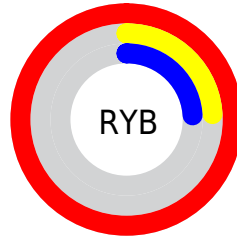
Distribution



Red (100%)

Green (24%)

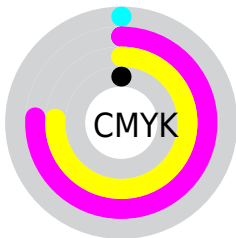
Blue (24%)



Red (100%)

Yellow (24%)

Blue (24%)

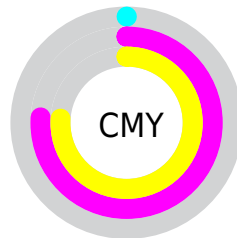


Cyan (0%)

Magenta (76%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 84.109, 32.662 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, 84.109, 32.662 by changing the saturation by 10% instead.

■ 57, 84.109, 32.662

■ 57, 84.109, 32.662

■ 100, 84.109,
32.662

■ 47, 84.109, 32.662

■ 77, 84.109, 32.662

■ 37, 84.109, 32.662

■ 87, 84.109, 32.662

■ 27, 84.109, 32.662

■ 97, 84.109, 32.662

■ 17, 84.109, 32.662

■ 7, 84.109, 32.662

■ 0, 84.109, 32.662

■ 57, 84.109, 32.662

■ 57, 84.109, 32.662

■ 55, 94.620, 36.270

■ 61, 72.342, 29.308

■ 53, 102.102,

■ 65, 60.137, 26.542

39.124

70, 47.981, 24.379

53, 104.318,
40.003

76, 36.222, 22.721

83, 25.085, 21.455

89, 14.682, 20.476

96, 5.039, 19.650

100, 0.281,
201.743

Harmonies

Complementary

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



57, 84.109, 32.662



91, 46.823, 196.618

Rectangle

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



57, 84.109, 32.662



57, 84.109, 82.662



57, 84.109, 212.662



57, 84.109, 262.662

Sweetspot

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



57, 84.106, 32.664



84, 22.413, 21.182



63, 105.350, 327.935



43, 15.730, 21.574



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, 84.106, 32.664



54, 99.494, 38.016



74, 68.519, 65.494



49, 5.252, 19.975



40, 84.224, 40.004



10, 33.359, 27.196

Inverse Universe

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



91, 46.823, 196.618



91, 49.527, 196.476



64, 55.801, 274.067



52, 4.943, 198.997



70, 40.341, 196.448



24, 18.560, 196.441

Previews

White Background



This preview shows how the CIELCh color 57, 84.109, 32.662 looks on a white background.

Color Contrast Check

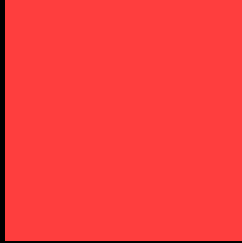
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.109, 32.662 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, 84.109, 32.662

Background



This preview shows how black text looks on a background with the CIELCh color 57, 84.109, 32.662.



This preview shows how white text looks on a background with the CIELCh color 57, 84.109, 32.662.

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, 84.109, 32.662

Protanopia

57, 29.118, 96.140

Deuteranopia

57, 48.678, 81.206



Tritanopia
57, 83.600, 32.023

Trichromacy



Original Color
57, 84.109, 32.662

Protanomaly
54, 41.599, 48.903

Deuteranomaly
55, 56.366, 52.524

Tritanomaly
57, 83.853, 32.344

Monochromacy



Original Color
57, 84.109, 32.662

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 30.801, 23.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 84.109, 32.662 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, 62, 62)` looks like.

```
.text, #text, p{  
    color:rgb(254, 62, 62)  
}
```

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, 62, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 62, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 84.109, 32.662 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, 62, 62) }
```

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

```
.border{ border-color:rgb(254, 62, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 62, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 62, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 62, 62);  
box-shadow:4px 4px 4px 4px rgb(254, 62,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 84.109, 32.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 62, 62) }
```

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

```
.background{ background-color: rgb(254, 62,  
62) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor