

Converting Colors

CIELCh(57, 68.320, 36.879)

Have a look what the booklet for
CIELCh(57, 68.320, 36.879) contains.

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Color

CIELCh(57, 68.327, 37.023)

Conversions

Conversions Part 1

Format	Color
Hex	E95944
RGB	233, 89, 68
RGB Percent	91%, 35%, 27%
CMY	0.0858, 0.6506, 0.7330
CMYK	0.00, 0.62, 0.71, 0.09
HSL	8°, 79%, 59%
HSV	8°, 71%, 91%
XYZ	38.2682, 24.9227, 8.2761
YIQ	129.6620, 92.5650, 23.9970

Conversions

Conversions Part 2

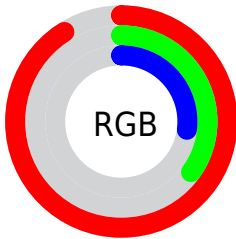
Format	Color
R_{YB}	233, 92, 68
Decimal	15292740
CIE _{Lab}	57.00, 54.55, 41.14
CIE _{LCh}	57, 68.327, 37.023
Yxy	24.9227, 0.5355, 0.3487
Android (android.graphics.Color)	4293482820 (0xFFE95944)
YUV	129.6620, -30.3994, 90.6274
Hunter-Lab	49.9226, 49.4648, 25.1168

Details

The CIELCh color **57, 68.327, 37.023** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **79, 37.662, 214.621**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 51.132, 39.771**, and **37, 68.218, 36.807** is the 20% darker color. If you saturate the color by 10%, you get **54, 79.408, 38.917**, and if you desaturate by 10%, it is **61, 57.019, 35.354**.

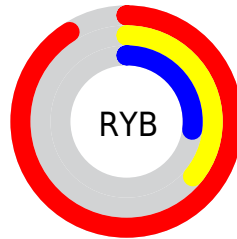
Distribution



Red (91%)

Green (35%)

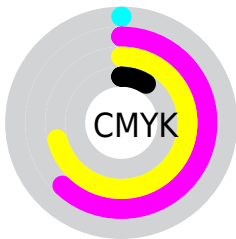
Blue (27%)



Red (91%)

Yellow (36%)

Blue (27%)

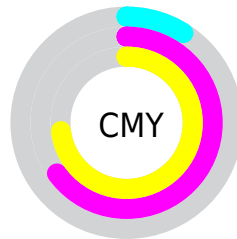


Cyan (0%)

Magenta (62%)

Yellow (71%)

Black (9%)



Cyan (9%)

Magenta (65%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 68.327, 37.023 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, 68.327, 37.023 by changing the saturation by 10% instead.

■ 57, 68.327, 37.023

■ 57, 68.327, 37.023

■ 100, 68.327,
37.023

■ 47, 68.327, 37.023

■ 77, 68.327, 37.023

■ 37, 68.327, 37.023

■ 87, 68.327, 37.023

■ 27, 68.327, 37.023

■ 97, 68.327, 37.023

■ 17, 68.327, 37.023

■ 7, 68.327, 37.023

■ 0, 68.327, 37.023

■ 57, 68.327, 37.023

■ 57, 68.327, 37.023

■ 54, 79.408, 38.917

■ 61, 57.019, 35.354

■ 51, 89.141, 40.574

■ 65, 46.008, 34.027

50, 95.535, 41.426

70, 35.545, 33.036

75, 25.755, 32.331

81, 16.677, 31.849

86, 8.301, 31.520

92, 0.584, 30.373

98, 6.531, 211.479

98, 7.483, 199.020

Harmonies

Complementary

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



57, 68.327, 37.023



79, 37.662, 214.621

Rectangle

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



57, 68.327, 37.023



57, 68.327, 87.023



57, 68.327, 217.023



57, 68.327, 267.023

Sweetspot

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



57, 68.324, 37.026



87, 18.138, 31.861



58, 87.495, 331.953



45, 12.421, 31.977



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, 68.324, 37.026



57, 90.096, 39.760



74, 60.944, 76.941



46, 4.368, 31.481



39, 78.740, 41.697



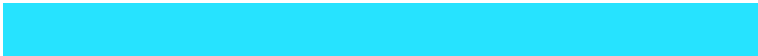
8, 26.060, 29.836

Inverse Universe

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



79, 37.662, 214.621



83, 43.013, 216.993



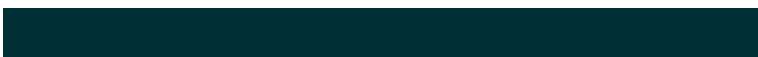
56, 58.921, 282.963



48, 4.107, 211.467



60, 33.946, 219.797



17, 14.689, 215.939

Previews

White Background



This preview shows how the CIELCh color 57, 68.327, 37.023 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, 68.327, 37.023 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, 68.327, 37.023

Background



This preview shows how black text looks on a background with the CIELCh color 57, 68.327, 37.023.



This preview shows how white text looks on a background with the CIELCh color 57, 68.327, 37.023.

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, 68.327, 37.023

Protanopia

57, 29.744, 95.400

Deuteranopia

57, 43.769, 80.664



Tritanopia
57, 64.017, 26.198

Trichromacy



Original Color
57, 68.327, 37.023

Protanomaly
56, 37.163, 59.153

Deuteranomaly
56, 48.694, 58.283

Tritanomaly
57, 65.400, 30.187

Monochromacy



Original Color
57, 68.327, 37.023

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 23.223, 33.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 68.327, 37.023 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(233, 89, 68)` looks like.

```
.text, #text, p{  
    color:rgb(233, 89, 68)  
}
```

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(233, 89, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 89, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 68.327, 37.023 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(233, 89, 68) }
```

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

```
.border{ border-color:rgb(233, 89, 68) }
```

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

Here you see how a box with a 4 pixel rgb(233, 89, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 89, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 89, 68);  
box-shadow:4px 4px 4px 4px rgb(233, 89,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 68.327, 37.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 89, 68) }
```

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

```
.background{ background-color: rgb(233, 89,  
68) }
```

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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