

Converting Colors

CIELCh(52, 67.803, 38.152)

Have a look what the booklet for
CIELCh(52, 67.803, 38.152) contains.

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Color

CIELCh(52, 67.803, 38.152)

Conversions

Conversions Part 1

Format	Color
Hex	D84D37
RGB	216, 77, 55
RGB Percent	85%, 30%, 22%
CMY	0.1535, 0.6985, 0.7847
CMYK	0.00, 0.64, 0.75, 0.15
HSL	8°, 67%, 53%
HSV	8°, 75%, 85%
XYZ	31.6115, 20.1443, 5.8241
YIQ	116.0530, 89.9060, 22.6260

Conversions

Conversions Part 2

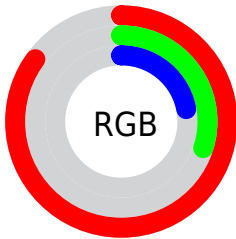
Format	Color
R _Y B	216, 80, 55
Decimal	14175543
CIE Lab	52.00, 53.32, 41.89
CIE LCh	52, 67.803, 38.152
Yxy	20.1443, 0.5490, 0.3499
Android (android.graphics.Color)	4292365623 (0xFFD84D37)
YUV	116.0530, -30.0991, 87.6535
Hunter-Lab	44.8824, 47.1764, 23.7241

Details

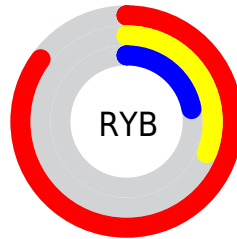
The CIELCh color **52, 67.803, 38.152** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **72, 36.080, 216.632**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 57.647, 39.813**, and **32, 68.023, 38.315** is the 20% darker color. If you saturate the color by 10%, you get **49, 77.957, 39.913**, and if you desaturate by 10%, it is **55, 57.189, 36.494**.

Distribution



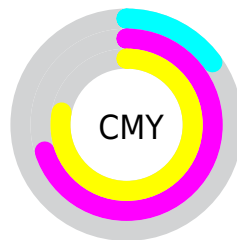
- Red (85%)
- Green (30%)
- Blue (22%)



- Red (85%)
- Yellow (31%)
- Blue (22%)



- Cyan (0%)
- Magenta (64%)
- Yellow (75%)
- Black (15%)



- Cyan (15%)
- Magenta (70%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 67.803, 38.152 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 52, 67.803, 38.152 by changing the saturation by 10% instead.

■ 52, 67.803, 38.152

■ 52, 67.803, 38.152

■ 100, 67.803,
38.152

■ 42, 67.803, 38.152

■ 72, 67.803, 38.152

■ 32, 67.803, 38.152

■ 82, 67.803, 38.152

■ 22, 67.803, 38.152

■ 92, 67.803, 38.152

■ 12, 67.803, 38.152

■ 2, 67.803, 38.152

■ 0, 67.803, 38.152

■ 52, 67.803, 38.152

■ 52, 67.803, 38.152

■ 49, 77.957, 39.913

■ 55, 57.189, 36.494

■ 47, 86.298, 41.163

■ 59, 46.744, 35.137

46, 89.818, 41.679

64, 36.760, 34.110

69, 27.383, 33.374

74, 18.667, 32.873

79, 10.614, 32.547

84, 3.192, 32.260

89, 3.650, 212.554

95, 9.971, 212.482

Harmonies

Complementary

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



52, 67.803, 38.152



72, 36.080, 216.632

Rectangle

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



52, 67.803, 38.152



52, 67.803, 88.152



52, 67.803, 218.152



52, 67.803, 268.152

Sweetspot

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



52, 67.800, 38.155



87, 18.948, 32.783



53, 83.944, 332.828



45, 12.878, 32.889



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 67.800, 38.155



57, 93.798, 40.696



69, 60.407, 77.824



42, 4.022, 32.418



36, 75.107, 41.950



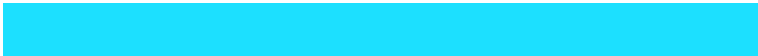
6, 20.169, 26.935

Inverse Universe

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



72, 36.080, 216.632



82, 43.202, 219.580



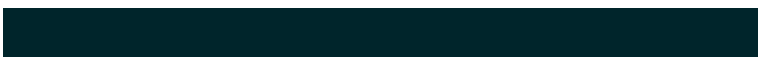
49, 60.050, 285.487



44, 3.786, 212.485



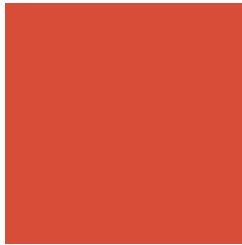
56, 32.406, 221.623



13, 12.866, 216.439

Previews

White Background



This preview shows how the CIELCh color 52, 67.803, 38.152 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 52, 67.803, 38.152 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 52, 67.803, 38.152

Background



This preview shows how black text looks on a background with the CIELCh color 52, 67.803, 38.152.



This preview shows how white text looks on a background with the CIELCh color 52, 67.803, 38.152.

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

52, 67.803, 38.152

Protanopia

52, 31.666, 96.122

Deuteranopia

52, 44.294, 81.167



Tritanopia
52, 63.091, 27.328

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 67.803, 38.152 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(216, 77, 55)` looks like.

```
.text, #text, p{  
    color:rgb(216, 77, 55)  
}
```

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(216, 77, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 77, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 67.803, 38.152 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(216, 77, 55) }
```

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

```
.border{ border-color:rgb(216, 77, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 77, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 77, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 77, 55);  
box-shadow:4px 4px 4px 4px rgb(216, 77,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 67.803, 38.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 77, 55) }
```

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

```
.background{ background-color: rgb(216, 77,  
55) }
```

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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