

Converting Colors

CIELCh(52, 60.648, 38.355)

Have a look what the booklet for
CIELCh(52, 60.648, 38.355) contains.

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Color

CIELCh(52, 60.775, 38.216)

Conversions

Conversions Part 1

Format	Color
Hex	D0543E
RGB	208, 84, 62
RGB Percent	82%, 33%, 24%
CMY	0.1837, 0.6700, 0.7564
CMYK	0.00, 0.60, 0.70, 0.18
HSL	9°, 61%, 53%
HSV	9°, 70%, 82%
XYZ	30.1114, 20.1443, 6.8760
YIQ	118.5680, 80.9660, 19.4460

Conversions

Conversions Part 2

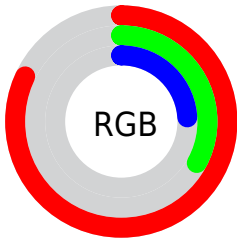
Format	Color
R _Y B	208, 88, 62
Decimal	13653054
CIE Lab	52.00, 47.75, 37.60
CIE LCh	52, 60.775, 38.216
Yxy	20.1443, 0.5271, 0.3526
Android (android.graphics.Color)	4291843134 (0xFFD0543E)
YUV	118.5680, -27.8880, 78.4319
Hunter-Lab	44.8824, 41.2106, 22.3345

Details

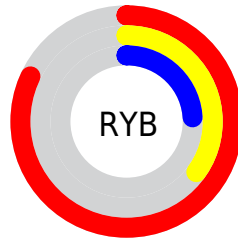
The CIELCh color **52, 60.775, 38.216** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **70, 33.887, 218.247**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 54.368, 39.767**, and **32, 60.942, 38.319** is the 20% darker color. If you saturate the color by 10%, you get **49, 70.936, 39.799**, and if you desaturate by 10%, it is **56, 50.532, 36.838**.

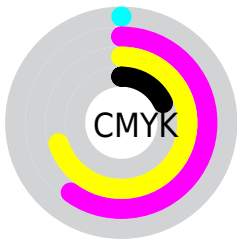
Distribution



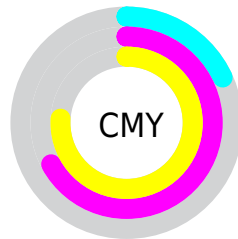
- Red (82%)
- Green (33%)
- Blue (24%)



- Red (82%)
- Yellow (35%)
- Blue (24%)



- Cyan (0%)
- Magenta (60%)
- Yellow (70%)
- Black (18%)



- Cyan (18%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 60.775, 38.216 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, 60.775, 38.216 by changing the saturation by 10% instead.

■ 52, 60.775, 38.216

■ 52, 60.775, 38.216

■ 100, 60.775,
38.216

■ 42, 60.775, 38.216

■ 72, 60.775, 38.216

■ 32, 60.775, 38.216

■ 82, 60.775, 38.216

■ 22, 60.775, 38.216

■ 92, 60.775, 38.216

■ 12, 60.775, 38.216

■ 2, 60.775, 38.216

■ 0, 60.775, 38.216

■ 52, 60.775, 38.216

■ 52, 60.775, 38.216

■ 49, 70.936, 39.799

■ 56, 50.532, 36.838

■ 47, 80.105, 41.197

■ 60, 40.631, 35.759

45, 86.959, 42.021

64, 31.269, 34.975

69, 22.533, 34.443

73, 14.443, 34.107

78, 6.981, 33.902

83, 0.103, 28.397

89, 6.246, 214.079

94, 12.120,
214.148

Harmonies

Complementary

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



52, 60.775, 38.216



70, 33.887, 218.247

Rectangle

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



52, 60.775, 38.216



52, 60.775, 88.216



52, 60.775, 218.216



52, 60.775, 268.216

Sweetspot

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



52, 60.773, 38.219



88, 17.822, 34.136



52, 77.784, 333.234



45, 12.205, 34.218



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, 60.773, 38.219



58, 88.075, 40.537



68, 55.848, 80.048



41, 3.902, 33.888



36, 73.894, 42.291



5, 18.277, 27.477

Inverse Universe

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



70, 33.887, 218.247



82, 42.433, 221.126



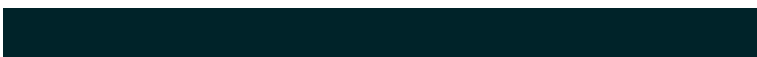
49, 56.056, 285.117



43, 3.674, 214.079



55, 31.931, 224.612



12, 12.337, 218.445

Previews

White Background



This preview shows how the CIELCh color 52, 60.775, 38.216 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, 60.775, 38.216 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, 60.775, 38.216

Background



This preview shows how black text looks on a background with the CIELCh color 52, 60.775, 38.216.



This preview shows how white text looks on a background with the CIELCh color 52, 60.775, 38.216.

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, 60.775, 38.216

Protanopia

52, 28.361, 96.418

Deuteranopia

52, 40.145, 80.891



Tritanopia
52, 56.236, 25.118

Trichromacy



Original Color
52, 60.775, 38.216

Protanomaly
51, 34.077, 61.432

Deuteranomaly
51, 44.128, 58.958

Tritanomaly
52, 57.764, 30.316

Monochromacy



Original Color
52, 60.775, 38.216

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 20.537, 34.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 60.775, 38.216 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(208, 84, 62)` looks like.

```
.text, #text, p{  
    color:rgb(208, 84, 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(208, 84, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 84, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 60.775, 38.216 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(208, 84, 62) }
```

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

```
.border{ border-color:rgb(208, 84, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 84, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 84, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 84, 62);  
box-shadow:4px 4px 4px 4px rgb(208, 84,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 60.775, 38.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 84, 62) }
```

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

```
.background{ background-color: rgb(208, 84,  
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](#).

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