

Converting Colors

CIELCh(52, 62.451, 42.369)

Have a look what the booklet for
CIELCh(52, 62.451, 42.369) contains.

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Color

CIELCh(52, 62.340, 42.339)

Conversions

Conversions Part 1

Format	Color
Hex	CF5636
RGB	207, 86, 54
RGB Percent	81%, 34%, 21%
CMY	0.1888, 0.6632, 0.7887
CMYK	0.00, 0.58, 0.74, 0.19
HSL	13°, 61%, 51%
HSV	13°, 74%, 81%
XYZ	29.6710, 20.1443, 5.8005
YIQ	118.5310, 82.3880, 15.7000

Conversions

Conversions Part 2

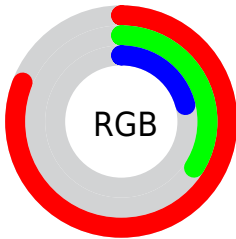
Format	Color
RYB	207, 94, 54
Decimal	13588022
CIELab	52.00, 46.08, 41.99
CIELCh	52, 62.340, 42.339
Yxy	20.1443, 0.5335, 0.3622
Android (android.graphics.Color)	4291778102 (0xFFCF5636)
YUV	118.5310, -31.8138, 77.5873
Hunter-Lab	44.8824, 39.4591, 23.7552

Details

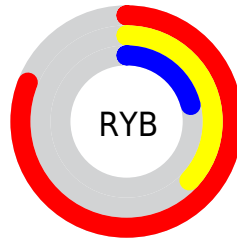
The CIELCh color **52, 62.340, 42.339** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **66, 34.105, 229.016**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 56.502, 43.895**, and **32, 62.432, 42.494** is the 20% darker color. If you saturate the color by 10%, you get **49, 72.133, 43.187**, and if you desaturate by 10%, it is **55, 52.295, 41.501**.

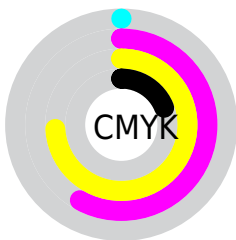
Distribution



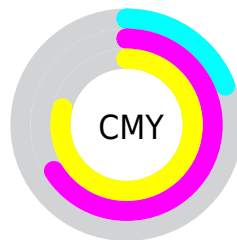
- Red (81%)
- Green (34%)
- Blue (21%)



- Red (81%)
- Yellow (37%)
- Blue (21%)



- Cyan (0%)
- Magenta (58%)
- Yellow (74%)
- Black (19%)



- Cyan (19%)
- Magenta (66%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 62.340, 42.339 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, 62.340, 42.339 by changing the saturation by 10% instead.

■ 52, 62.340, 42.339

■ 52, 62.340, 42.339

■ 100, 62.340,
42.339

■ 42, 62.340, 42.339

■ 72, 62.340, 42.339

■ 32, 62.340, 42.339

■ 82, 62.340, 42.339

■ 22, 62.340, 42.339

■ 92, 62.340, 42.339

■ 12, 62.340, 42.339

■ 2, 62.340, 42.339

■ 0, 62.340, 42.339

■ 52, 62.340, 42.339

■ 52, 62.340, 42.339

■ 49, 72.133, 43.187

■ 55, 52.295, 41.501

■ 47, 80.510, 43.546

■ 59, 42.541, 40.846

46, 84.640, 43.600

63, 33.308, 40.413

67, 24.690, 40.185

72, 16.706, 40.126

77, 9.336, 40.191

81, 2.537, 40.228

86, 3.745, 220.871

91, 9.564, 221.113

Harmonies

Complementary

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



52, 62.340, 42.339



66, 34.105, 229.016

Rectangle

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



52, 62.340, 42.339



52, 62.340, 92.339



52, 62.340, 222.339



52, 62.340, 272.339

Sweetspot

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



52, 62.338, 42.342



88, 18.061, 40.130



51, 77.233, 335.710



45, 12.275, 40.126



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, 62.338, 42.342



58, 90.804, 43.514



69, 59.539, 83.660



42, 3.761, 40.238



37, 72.242, 43.968



6, 17.686, 31.022

Inverse Universe

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



66, 34.105, 229.016



77, 43.053, 234.058



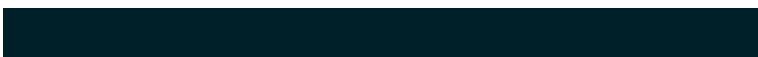
45, 63.737, 289.773



43, 3.549, 220.947



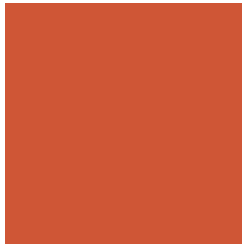
51, 32.321, 237.247



11, 12.198, 228.453

Previews

White Background



This preview shows how the CIELCh color 52, 62.340, 42.339 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, 62.340, 42.339 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, 62.340, 42.339

Background



This preview shows how black text looks on a background with the CIELCh color 52, 62.340, 42.339.



This preview shows how white text looks on a background with the CIELCh color 52, 62.340, 42.339.

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, 62.340, 42.339

Protanopia

52, 33.772, 96.418

Deuteranopia

52, 44.294, 81.167



Tritanopia
52, 55.335, 24.880

Trichromacy



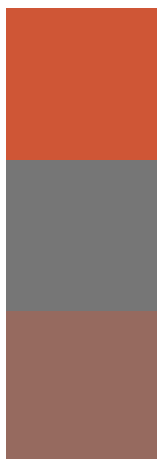
Original Color
52, 62.340, 42.339

Protanomaly
51, 38.085, 66.811

Deuteranomaly
51, 47.793, 62.280

Tritanomaly
52, 57.532, 31.721

Monochromacy



Original Color
52, 62.340, 42.339

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 20.794, 39.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 62.340, 42.339 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(207, 86, 54)` looks like.

```
.text, #text, p{  
    color:rgb(207, 86, 54)  
}
```

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(207, 86, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 86, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 62.340, 42.339 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(207, 86, 54) }
```

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

```
.border{ border-color:rgb(207, 86, 54) }
```

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

Here you see how a box with a 4 pixel rgb(207, 86, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 86, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 86, 54);  
box-shadow:4px 4px 4px 4px rgb(207, 86,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 62.340, 42.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 86, 54) }
```

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

```
.background{ background-color: rgb(207, 86,  
54) }
```

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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