

Converting Colors

CIELCh(54, 52.330, 63.840)

Have a look what the booklet for
CIELCh(54, 52.330, 63.840) contains.

CIELCh(54, 52.330, 63.840)	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(54, 52.330, 63.840)

Conversions

Conversions Part 1

Format	Color
Hex	B8702E
RGB	184, 112, 46
RGB Percent	72%, 44%, 18%
CMY	0.2784, 0.5608, 0.8196
CMYK	0.00, 0.39, 0.75, 0.28
HSL	29°, 60%, 45%
HSV	29°, 75%, 72%
XYZ	26.0530, 21.9746, 5.4529
YIQ	126.0040, 64.0980, -5.2620

Conversions

Conversions Part 2

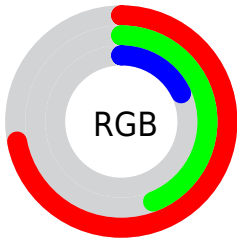
Format	Color
RYB	184, 173, 46
Decimal	12087342
CIELab	54.00, 23.07, 46.97
CIElCh	54, 52.330, 63.840
Yxy	21.9746, 0.4872, 0.4109
Android (android.graphics.Color)	4290277422 (0xFFB8702E)
YUV	126.0040, -39.4420, 50.8625
Hunter-Lab	46.8770, 17.1707, 25.9171

Details

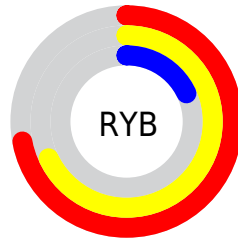
The CIELCh color **54, 52.330, 63.840** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **48, 41.188, 270.800**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 52.148, 63.792**, and **34, 50.100, 62.572** is the 20% darker color. If you saturate the color by 10%, you get **52, 59.318, 62.215**, and if you desaturate by 10%, it is **56, 44.753, 65.194**.

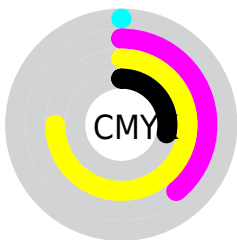
Distribution



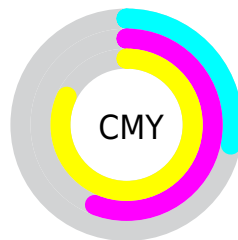
- Red (72%)
- Green (44%)
- Blue (18%)



- Red (72%)
- Yellow (68%)
- Blue (18%)



- Cyan (0%)
- Magenta (39%)
- Yellow (75%)
- Black (28%)



- Cyan (28%)
- Magenta (56%)
- Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 52.330, 63.840 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 54, 52.330, 63.840 by changing the saturation by 10% instead.

 54, 52.330, 63.840

 54, 52.330, 63.840

 100, 52.330,
63.840

 44, 52.330, 63.840

 74, 52.330, 63.840

 34, 52.330, 63.840

 84, 52.330, 63.840

 24, 52.330, 63.840

 94, 52.330, 63.840

 14, 52.330, 63.840

 4, 52.330, 63.840

 0, 52.330, 63.840

 54, 52.330, 63.840

 54, 52.330, 63.840

 52, 59.318, 62.215

 56, 44.753, 65.194

 50, 64.860, 59.995

 59, 37.107, 66.436

48, 67.332, 58.852

62, 29.648, 67.644

65, 22.485, 68.844

67, 15.656, 70.040

70, 9.159, 71.222

73, 2.976, 72.325

76, 2.921, 253.736

79, 8.560, 254.792

Harmonies

Complementary

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



54, 52.330, 63.840



48, 41.188, 270.800

Rectangle

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



54, 52.330, 63.840



54, 52.330, 113.840



54, 52.330, 243.840



54, 52.330, 293.840

Sweetspot

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



54, 52.329, 63.843



87, 16.966, 70.353



43, 60.764, 351.350



45, 11.471, 70.034



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



54, 52.329, 63.843



65, 77.002, 60.863



71, 65.244, 101.916



37, 3.404, 71.870



41, 59.300, 59.383



5, 8.735, 58.812

Inverse Universe

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



48, 41.188, 270.800



56, 60.479, 277.995



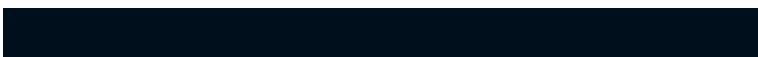
30, 82.576, 301.805



37, 3.322, 254.271



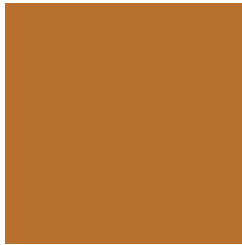
35, 47.182, 281.183



4, 10.008, 265.540

Previews

White Background



This preview shows how the CIELCh color 54, 52.330, 63.840 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 CIE LCh color 54, 52.330, 63.840 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 54, 52.330, 63.840

Background



This preview shows how black text looks on a background with the CIELCh color 54, 52.330, 63.840.



This preview shows how white text looks on a background with the CIELCh color 54, 52.330, 63.840.

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

54, 52.330, 63.840

Protanopia

54, 43.686, 96.111

Deuteranopia

54, 48.014, 81.625



Tritanopia
54, 35.450, 16.787

Trichromacy



Original Color
54, 52.330, 63.840

Protanomaly
54, 44.798, 82.352

Deuteranomaly
54, 48.986, 74.718

Tritanomaly
54, 38.131, 39.446

Monochromacy



Original Color
54, 52.330, 63.840

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 18.134, 69.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 52.330, 63.840 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(184, 112, 46)` looks like.

```
.text, #text, p{  
    color:rgb(184, 112, 46)  
}
```

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(184, 112, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 112, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 52.330, 63.840 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(184, 112, 46) }
```

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

```
.border{ border-color:rgb(184, 112, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 112, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 112, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 112, 46);  
box-shadow:4px 4px 4px 4px rgb(184, 112,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 52.330, 63.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 112, 46) }
```

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

```
.background{ background-color: rgb(184,  
112, 46) }
```

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