

Converting Colors

CIELCh(54, 49.240, 52.965)

Have a look what the booklet for
CIELCh(54, 49.240, 52.965) contains.

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Color

CIELCh(54, 49.146, 52.982)

Conversions

Conversions Part 1

Format	Color
Hex	BF6B3E
RGB	191, 107, 62
RGB Percent	75%, 42%, 24%
CMY	0.2505, 0.5800, 0.7565
CMYK	0.00, 0.44, 0.68, 0.25
HSL	21°, 51%, 50%
HSV	21°, 68%, 75%
XYZ	27.6532, 21.9746, 7.3541
YIQ	126.9860, 64.5090, 3.8130

Conversions

Conversions Part 2

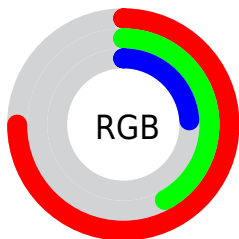
Format	Color
RYB	191, 131, 62
Decimal	12544830
CIELab	54.00, 29.59, 39.24
CIElCh	54, 49.146, 52.982
Yxy	21.9746, 0.4853, 0.3856
Android (android.graphics.Color)	4290734910 (0xFFBF6B3E)
YUV	126.9860, -32.0381, 56.1403
Hunter-Lab	46.8770, 23.2639, 23.5124

Details

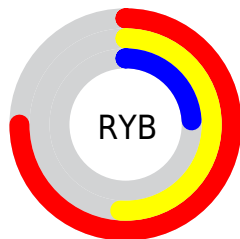
The CIELCh color **54, 49.146, 52.982** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **57, 32.699, 250.397**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 49.051, 52.956**, and **34, 48.949, 53.130** is the 20% darker color. If you saturate the color by 10%, you get **51, 57.802, 52.444**, and if you desaturate by 10%, it is **57, 40.580, 53.488**.

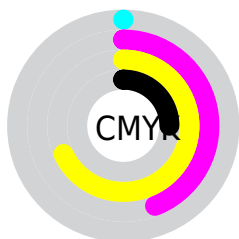
Distribution



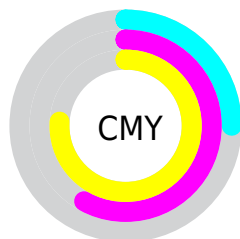
- Red (75%)
- Green (42%)
- Blue (24%)



- Red (75%)
- Yellow (51%)
- Blue (24%)



- Cyan (0%)
- Magenta (44%)
- Yellow (68%)
- Black (25%)



- Cyan (25%)
- Magenta (58%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 49.146, 52.982 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, 49.146, 52.982 by changing the saturation by 10% instead.

■ 54, 49.146, 52.982

■ 54, 49.146, 52.982

■ 100, 49.146,
52.982

■ 44, 49.146, 52.982

■ 74, 49.146, 52.982

■ 34, 49.146, 52.982

■ 84, 49.146, 52.982

■ 24, 49.146, 52.982

■ 94, 49.146, 52.982

■ 14, 49.146, 52.982

■ 4, 49.146, 52.982

■ 0, 49.146, 52.982

■ 54, 49.146, 52.982

■ 54, 49.146, 52.982

■ 51, 57.802, 52.444

■ 57, 40.580, 53.488

■ 49, 65.935, 51.628

■ 60, 32.385, 54.042

46, 72.559, 50.180

64, 24.666, 54.673

46, 74.169, 49.903

67, 17.449, 55.376

71, 10.719, 56.132

75, 4.440, 56.889

78, 1.430, 238.163

82, 6.934, 238.767

86, 12.116,
239.603

Harmonies

Complementary

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



54, 49.146, 52.982



57, 32.699, 250.397

Rectangle

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



54, 49.146, 52.982



54, 49.146, 102.982



54, 49.146, 232.982



54, 49.146, 282.982

Sweetspot

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



54, 49.145, 52.985



88, 15.245, 55.916



48, 62.923, 341.751



46, 10.592, 55.700



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



54, 49.145, 52.985



64, 75.021, 52.112



69, 56.270, 94.569



38, 3.337, 56.757



38, 64.129, 50.431



5, 10.186, 44.422

Inverse Universe

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



57, 32.699, 250.397



69, 45.681, 256.239



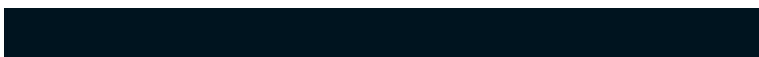
40, 65.045, 294.883



38, 3.194, 238.587



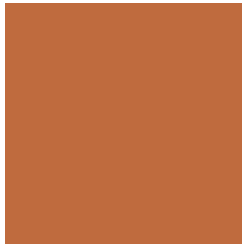
41, 37.012, 263.987



5, 10.005, 252.331

Previews

White Background



This preview shows how the CIELCh color 54, 49.146, 52.982 looks on a white background.

Color Contrast Check

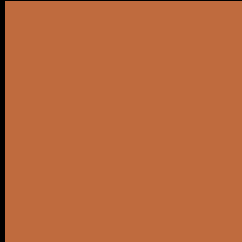
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 49.146, 52.982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

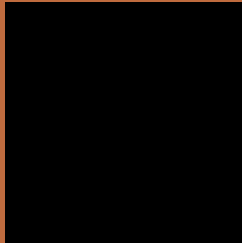
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 49.146, 52.982

Background



This preview shows how black text looks on a background with the CIELCh color 54, 49.146, 52.982.



This preview shows how white text looks on a background with the CIELCh color 54, 49.146, 52.982.

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, 49.146, 52.982

Protanopia

54, 34.207, 95.914

Deuteranopia

54, 40.886, 80.145



Tritanopia
54, 39.480, 18.984

Trichromacy



Original Color
54, 49.146, 52.982

Protanomaly
54, 36.398, 76.897

Deuteranomaly
54, 42.671, 68.925

Tritanomaly
54, 41.045, 33.491

Monochromacy



Original Color
54, 49.146, 52.982

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 16.492, 56.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 49.146, 52.982 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(191, 107, 62)` looks like.

```
.text, #text, p{  
    color:rgb(191, 107, 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(191, 107, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 107, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 49.146, 52.982 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(191, 107, 62) }
```

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

```
.border{ border-color:rgb(191, 107, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 107, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 107, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 107, 62);  
box-shadow:4px 4px 4px 4px rgb(191, 107,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 49.146, 52.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 107, 62) }
```

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

```
.background{ background-color: rgb(191,  
107, 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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