

Converting Colors

CIELCh(54, 44.908, 51.792)

Have a look what the booklet for
CIELCh(54, 44.908, 51.792) contains.

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Color

CIELCh(54, 45.065, 52.045)

Conversions

Conversions Part 1

Format	Color
Hex	BC6D45
RGB	188, 109, 69
RGB Percent	74%, 43%, 27%
CMY	0.2638, 0.5734, 0.7302
CMYK	0.00, 0.42, 0.63, 0.26
HSL	20°, 47%, 50%
HSV	20°, 63%, 74%
XYZ	27.1870, 21.9746, 8.4046
YIQ	128.0610, 59.9240, 4.3080

Conversions

Conversions Part 2

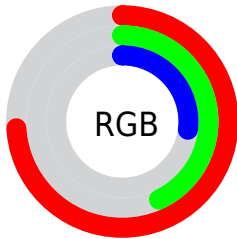
Format	Color
R_{YB}	188, 129, 69
Decimal	12348741
CIE Lab	54.00, 27.72, 35.53
CIE LCh	54, 45.065, 52.045
Yxy	21.9746, 0.4723, 0.3817
Android (android.graphics.Color)	4290538821 (0xFFBC6D45)
YUV	128.0610, -29.1171, 52.5665
Hunter-Lab	46.8770, 21.4889, 22.1838

Details

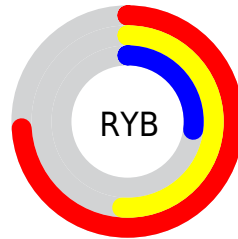
The CIELCh color **54, 45.065, 52.045** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **58, 30.402, 247.039**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 45.255, 51.948**, and **34, 45.041, 52.062** is the 20% darker color. If you saturate the color by 10%, you get **51, 53.685, 51.648**, and if you desaturate by 10%, it is **57, 36.694, 52.474**.

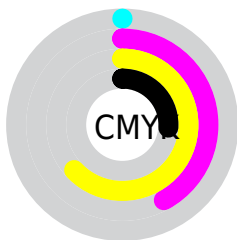
Distribution



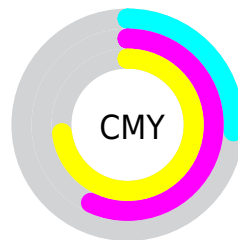
- Red (74%)
- Green (43%)
- Blue (27%)



- Red (74%)
- Yellow (51%)
- Blue (27%)



- Cyan (0%)
- Magenta (42%)
- Yellow (63%)
- Black (26%)



- Cyan (26%)
- Magenta (57%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 45.065, 52.045 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, 45.065, 52.045 by changing the saturation by 10% instead.

■ 54, 45.065, 52.045

■ 54, 45.065, 52.045

■ 100, 45.065,
52.045

■ 44, 45.065, 52.045

■ 74, 45.065, 52.045

■ 34, 45.065, 52.045

■ 84, 45.065, 52.045

■ 24, 45.065, 52.045

■ 94, 45.065, 52.045

■ 14, 45.065, 52.045

■ 4, 45.065, 52.045

■ 0, 45.065, 52.045

■ 54, 45.065, 52.045

■ 54, 45.065, 52.045

■ 51, 53.685, 51.648

■ 57, 36.694, 52.474

■ 48, 62.121, 51.111

■ 60, 28.761, 52.979

46, 69.469, 50.070

64, 21.327, 53.570

45, 73.675, 49.243

68, 14.396, 54.236

71, 7.942, 54.947

75, 1.925, 55.546

79, 3.697, 236.720

82, 8.970, 237.469

86, 13.935,
238.275

Harmonies

Complementary

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



54, 45.065, 52.045



58, 30.402, 247.039

Rectangle

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



54, 45.065, 52.045



54, 45.065, 102.045



54, 45.065, 232.045



54, 45.065, 282.045

Sweetspot

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



54, 45.064, 52.049



88, 14.316, 54.520



48, 59.266, 341.221



45, 9.951, 54.318



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



54, 45.064, 52.049



65, 69.602, 51.470



69, 52.546, 95.062



38, 3.336, 55.229



38, 64.576, 49.715



5, 10.222, 43.342

Inverse Universe

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



58, 30.402, 247.039



70, 42.719, 252.022



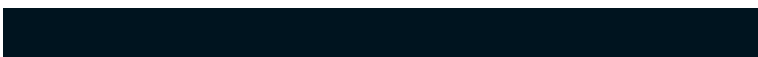
41, 59.726, 293.736



38, 3.188, 236.973



42, 36.177, 261.885



5, 9.908, 250.602

Previews

White Background



This preview shows how the CIELCh color 54, 45.065, 52.045 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, 45.065, 52.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

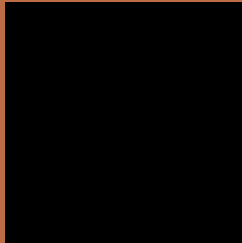
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 45.065, 52.045

Background



This preview shows how black text looks on a background with the CIELCh color 54, 45.065, 52.045.



This preview shows how white text looks on a background with the CIELCh color 54, 45.065, 52.045.

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, 45.065, 52.045

Protanopia

54, 30.959, 96.216

Deuteranopia

54, 36.823, 78.788



Tritanopia
54, 36.829, 18.140

Trichromacy



Original Color
54, 45.065, 52.045

Protanomaly
54, 33.230, 75.480

Deuteranomaly
54, 38.522, 67.927

Tritanomaly
54, 37.810, 32.252

Monochromacy



Original Color
54, 45.065, 52.045

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 15.352, 54.391

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 45.065, 52.045 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(188, 109, 69)` looks like.

```
.text, #text, p{  
    color:rgb(188, 109, 69)  
}
```

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(188, 109, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 109, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 45.065, 52.045 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(188, 109, 69) }
```

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

```
.border{ border-color:rgb(188, 109, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 109, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 109, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 109, 69);  
box-shadow:4px 4px 4px 4px rgb(188, 109,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 45.065, 52.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 109, 69) }
```

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

```
.background{ background-color: rgb(188,  
109, 69) }
```

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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