

Converting Colors

CIELCh(54, 42.402, 50.009)

Have a look what the booklet for
CIELCh(54, 42.402, 50.009) contains.

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Color

CIELCh(54, 42.402, 50.009)

Conversions

Conversions Part 1

Format	Color
Hex	BA6D4A
RGB	186, 109, 74
RGB Percent	73%, 43%, 29%
CMY	0.2693, 0.5714, 0.7088
CMYK	0.00, 0.41, 0.60, 0.27
HSL	19°, 45%, 51%
HSV	19°, 60%, 73%
XYZ	27.0717, 21.9746, 9.3396
YIQ	128.0330, 57.1270, 5.4390

Conversions

Conversions Part 2

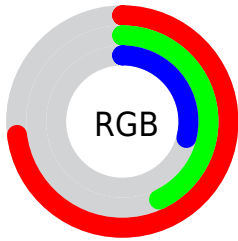
Format	Color
R_{YB}	186, 125, 74
Decimal	12217674
CIE _{Lab}	54.00, 27.25, 32.49
CIE _{LCh}	54, 42.402, 50.009
Yxy	21.9746, 0.4637, 0.3764
Android (android.graphics.Color)	4290407754 (0xFFBA6D4A)
YUV	128.0330, -26.6383, 50.8371
Hunter-Lab	46.8770, 21.0497, 21.0012

Details

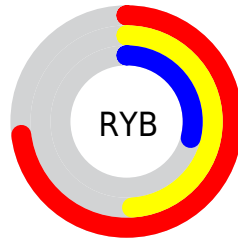
The CIELCh color **54, 42.402, 50.009** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **59, 28.591, 242.388**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 42.781, 49.916**, and **34, 42.765, 50.023** is the 20% darker color. If you saturate the color by 10%, you get **51, 51.050, 49.813**, and if you desaturate by 10%, it is **57, 34.104, 50.289**.

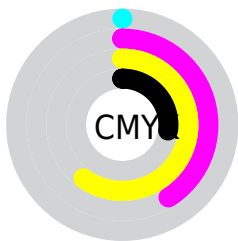
Distribution



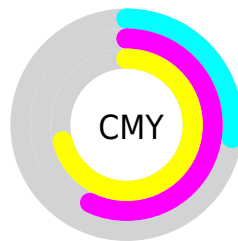
- Red (73%)
- Green (43%)
- Blue (29%)



- Red (73%)
- Yellow (49%)
- Blue (29%)



- Cyan (0%)
- Magenta (41%)
- Yellow (60%)
- Black (27%)



- Cyan (27%)
- Magenta (57%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 42.402, 50.009 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, 42.402, 50.009 by changing the saturation by 10% instead.

■ 54, 42.402, 50.009

■ 54, 42.402, 50.009

■ 100, 42.402,
50.009

■ 44, 42.402, 50.009

■ 74, 42.402, 50.009

■ 34, 42.402, 50.009

■ 84, 42.402, 50.009

■ 24, 42.402, 50.009

■ 94, 42.402, 50.009

■ 14, 42.402, 50.009

■ 4, 42.402, 50.009

■ 0, 42.402, 50.009

■ 54, 42.402, 50.009

■ 54, 42.402, 50.009

■ 51, 51.050, 49.813

■ 57, 34.104, 50.289

■ 48, 59.723, 49.574

■ 61, 26.292, 50.671

46, 67.690, 49.002

64, 19.003, 51.156

44, 74.202, 48.022

68, 12.227, 51.722

72, 5.933, 52.329

76, 0.077, 46.949

79, 5.387, 233.920

83, 10.503,
234.623

87, 15.313,
235.360

Harmonies

Complementary

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



54, 42.402, 50.009



59, 28.591, 242.388

Rectangle

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



54, 42.402, 50.009



54, 42.402, 100.009



54, 42.402, 230.009



54, 42.402, 280.009

Sweetspot

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



54, 42.401, 50.013



87, 13.431, 51.833



49, 57.777, 339.147



45, 9.513, 51.658



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, 42.401, 50.013



64, 65.399, 49.753



68, 48.604, 93.233



38, 3.340, 52.375



37, 65.412, 48.455



4, 10.297, 41.394

Inverse Universe

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



59, 28.591, 242.388



72, 39.921, 246.559



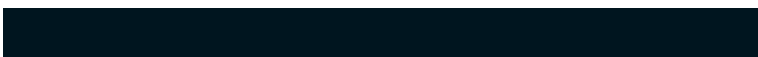
44, 53.636, 291.215



38, 3.183, 233.946



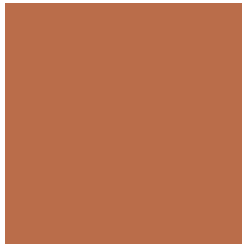
43, 34.750, 257.750



6, 9.747, 247.211

Previews

White Background



This preview shows how the CIELCh color 54, 42.402, 50.009 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, 42.402, 50.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

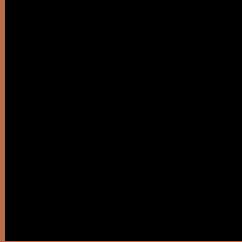
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 42.402, 50.009

Background



This preview shows how black text looks on a background with the CIELCh color 54, 42.402, 50.009.



This preview shows how white text looks on a background with the CIELCh color 54, 42.402, 50.009.

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, 42.402, 50.009

Protanopia

54, 27.650, 96.472

Deuteranopia

54, 34.339, 78.958



Tritanopia
54, 36.347, 17.121

Trichromacy



Original Color
54, 42.402, 50.009

Protanomaly
54, 29.770, 74.348

Deuteranomaly
54, 36.005, 67.329

Tritanomaly
54, 36.958, 30.689

Monochromacy



Original Color
54, 42.402, 50.009

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 14.275, 51.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 42.402, 50.009 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(186, 109, 74)` looks like.

```
.text, #text, p{  
    color:rgb(186, 109, 74)  
}
```

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(186, 109, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 109, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 42.402, 50.009 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(186, 109, 74) }
```

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

```
.border{ border-color:rgb(186, 109, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 109, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 109, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 109, 74);  
box-shadow:4px 4px 4px 4px rgb(186, 109,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 42.402, 50.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 109, 74) }
```

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

```
.background{ background-color: rgb(186,  
109, 74) }
```

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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