

Converting Colors

CIELCh(43, 54.608, 51.046)

Have a look what the booklet for
CIELCh(43, 54.608, 51.046) contains.

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Color

CIELCh(43, 54.796, 51.051)

Conversions

Conversions Part 1

Format	Color
Hex	A54B1E
RGB	165, 75, 30
RGB Percent	65%, 29%, 12%
CMY	0.3524, 0.7054, 0.8819
CMYK	0.00, 0.55, 0.82, 0.35
HSL	20°, 69%, 38%
HSV	20°, 82%, 65%
XYZ	18.3073, 13.1578, 2.8108
YIQ	96.7800, 68.0850, 5.0850

Conversions

Conversions Part 2

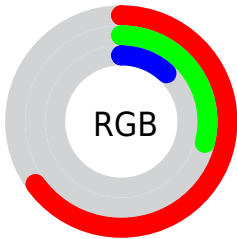
Format	Color
R_{YB}	165, 98, 30
Decimal	10832670
CIE Lab	43.00, 34.45, 42.62
CIE LCh	43, 54.796, 51.051
Yxy	13.1578, 0.5341, 0.3839
Android (android.graphics.Color)	4289022750 (0xFFA54B1E)
YUV	96.7800, -32.9225, 59.8289
Hunter-Lab	36.2736, 26.6101, 20.7972

Details

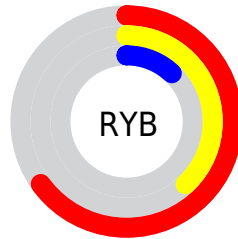
The CIELCh color **43, 54.796, 51.051** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **48, 32.731, 253.110**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 54.477, 51.096**, and **23, 48.927, 44.120** is the 20% darker color. If you saturate the color by 10%, you get **41, 61.773, 50.220**, and if you desaturate by 10%, it is **45, 47.084, 51.504**.

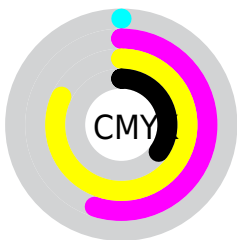
Distribution



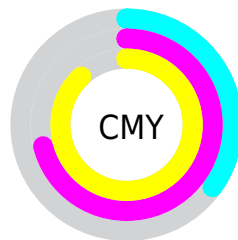
- Red (65%)
- Green (29%)
- Blue (12%)



- Red (65%)
- Yellow (38%)
- Blue (12%)



- Cyan (0%)
- Magenta (55%)
- Yellow (82%)
- Black (35%)



- Cyan (35%)
- Magenta (71%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 54.796, 51.051 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 43, 54.796, 51.051 by changing the saturation by 10% instead.

■ 43, 54.796, 51.051

■ 43, 54.796, 51.051

■ 100, 54.796,
51.051

■ 33, 54.796, 51.051

■ 63, 54.796, 51.051

■ 23, 54.796, 51.051

■ 73, 54.796, 51.051

■ 13, 54.796, 51.051

■ 83, 54.796, 51.051

■ 3, 54.796, 51.051

■ 93, 54.796, 51.051

■ 0, 54.796, 51.051

■ 43, 54.796, 51.051

■ 43, 54.796, 51.051

■ 41, 61.773, 50.220

■ 45, 47.084, 51.504

■ 39, 66.870, 49.431

■ 48, 39.330, 51.875

■ 51, 31.854, 52.290

■ 54, 24.787, 52.790

■ 57, 18.173, 53.376

■ 61, 12.007, 54.032

■ 64, 6.262, 54.727

■ 67, 0.904, 55.095

■ 71, 4.108, 236.459

Harmonies

Complementary

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



43, 54.796, 51.051



48, 32.731, 253.110

Rectangle

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



43, 54.796, 51.051



43, 54.796, 101.051



43, 54.796, 231.051



43, 54.796, 281.051

Sweetspot

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



43, 54.794, 51.054



75, 17.273, 53.783



38, 62.526, 343.699



38, 11.907, 53.565



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



43, 54.794, 51.054



51, 80.356, 49.019



60, 57.687, 93.006



33, 2.956, 54.897



34, 60.645, 49.809



2, 4.478, 51.794

Inverse Universe

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



48, 32.731, 253.110



57, 45.082, 261.635



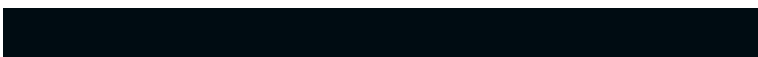
28, 71.271, 298.662



33, 2.827, 236.592



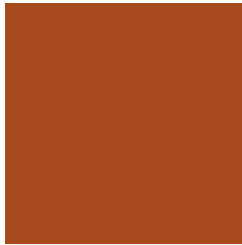
39, 33.707, 260.996



3, 4.522, 242.811

Previews

White Background



This preview shows how the CIELCh color 43, 54.796, 51.051 looks on a white 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

Black Background



This preview shows how the CIELCh color 43, 54.796, 51.051 looks on a black 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

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

CIELCh 43, 54.796, 51.051

Background



This preview shows how black text looks on a background with the CIELCh color 43, 54.796, 51.051.



This preview shows how white text looks on a background with the CIELCh color 43, 54.796, 51.051.

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

43, 54.796, 51.051

Protanopia

43, 37.461, 95.615

Deuteranopia

43, 44.706, 82.751



Tritanopia
43, 43.586, 23.677

Trichromacy



Original Color
43, 54.796, 51.051

Protanomaly
42, 40.189, 74.076

Deuteranomaly
43, 46.415, 69.108

Tritanomaly
43, 46.090, 35.922

Monochromacy



Original Color
43, 54.796, 51.051

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 18.451, 52.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 54.796, 51.051 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(165, 75, 30)` looks like.

```
.text, #text, p{  
    color:rgb(165, 75, 30)  
}
```

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(165, 75, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 75, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 54.796, 51.051 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(165, 75, 30) }
```

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

```
.border{ border-color:rgb(165, 75, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 75, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 75, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 75, 30);  
box-shadow:4px 4px 4px 4px rgb(165, 75,  
30) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 54.796, 51.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 75, 30) }
```

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

```
.background{ background-color: rgb(165, 75,  
30) }
```

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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