

Converting Colors

CIELCh(54, 30.732, 56.593)

Have a look what the booklet for
CIELCh(54, 30.732, 56.593) contains.

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Color

CIELCh(54, 30.676, 56.001)

Conversions

Conversions Part 1

Format	Color
Hex	AA7556
RGB	170, 117, 86
RGB Percent	67%, 46%, 34%
CMY	0.3329, 0.5408, 0.6624
CMYK	0.00, 0.31, 0.49, 0.33
HSL	22°, 33%, 50%
HSV	22°, 49%, 67%
XYZ	24.6547, 21.9746, 11.7645
YIQ	129.3130, 41.5390, 1.5950

Conversions

Conversions Part 2

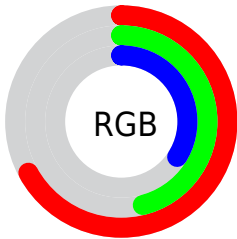
Format	Color
R_{YB}	170, 135, 86
Decimal	11171158
CIE Lab	54.00, 17.15, 25.43
CIE LCh	54, 30.676, 56.001
Yxy	21.9746, 0.4222, 0.3763
Android (android.graphics.Color)	4289361238 (0xFFAA7556)
YUV	129.3130, -21.3533, 35.6825
Hunter-Lab	46.8770, 11.8463, 17.9343

Details

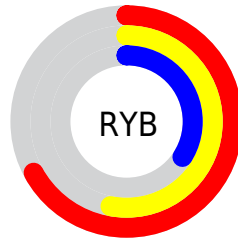
The CIELCh color **54, 30.676, 56.001** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **55, 23.556, 247.872**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 30.599, 55.937**, and **34, 30.675, 55.504** is the 20% darker color. If you saturate the color by 10%, you get **51, 38.107, 55.335**, and if you desaturate by 10%, it is **57, 23.643, 56.734**.

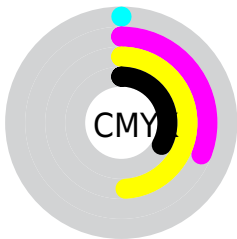
Distribution



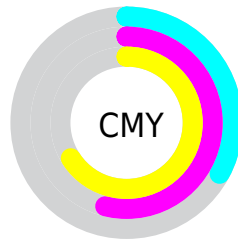
- Red (67%)
- Green (46%)
- Blue (34%)



- Red (67%)
- Yellow (53%)
- Blue (34%)



- Cyan (0%)
- Magenta (31%)
- Yellow (49%)
- Black (33%)



- Cyan (33%)
- Magenta (54%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 30.676, 56.001 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, 30.676, 56.001 by changing the saturation by 10% instead.

■ 54, 30.676, 56.001

■ 54, 30.676, 56.001

■ 100, 30.676,
56.001

■ 44, 30.676, 56.001

■ 74, 30.676, 56.001

■ 34, 30.676, 56.001

■ 84, 30.676, 56.001

■ 24, 30.676, 56.001

■ 94, 30.676, 56.001

■ 14, 30.676, 56.001

■ 4, 30.676, 56.001

■ 0, 30.676, 56.001

■ 54, 30.676, 56.001

■ 54, 30.676, 56.001

■ 51, 38.107, 55.335

■ 57, 23.643, 56.734

■ 48, 45.825, 54.689

■ 60, 17.044, 57.521

46, 53.547, 53.964

63, 10.868, 58.353

44, 60.670, 52.911

67, 5.091, 59.193

41, 66.681, 51.461

70, 0.325, 241.448

41, 67.071, 51.410

73, 5.417, 241.171

77, 10.222,
242.050

80, 14.774,
242.941

83, 19.104,
243.821

Harmonies

Complementary

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



54, 30.676, 56.001



55, 23.556, 247.872

Rectangle

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



54, 30.676, 56.001



54, 30.676, 106.001



54, 30.676, 236.001



54, 30.676, 286.001

Sweetspot

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



54, 30.675, 56.006



82, 10.292, 58.702



48, 43.479, 341.316



43, 7.127, 58.529



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



54, 30.675, 56.006



66, 47.086, 55.292



65, 39.657, 98.740



34, 3.040, 59.202



36, 60.283, 51.849



3, 5.381, 53.743

Inverse Universe

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



55, 23.556, 247.872



68, 33.816, 250.821



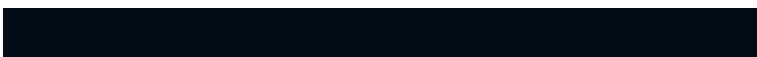
43, 43.634, 291.812



34, 2.920, 241.132



38, 36.463, 266.866



3, 5.573, 249.476

Previews

White Background



This preview shows how the CIELCh color 54, 30.676, 56.001 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, 30.676, 56.001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

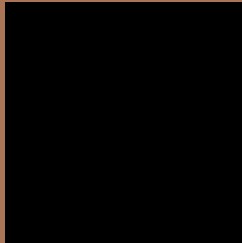
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 30.676, 56.001

Background



This preview shows how black text looks on a background with the CIELCh color 54, 30.676, 56.001.



This preview shows how white text looks on a background with the CIELCh color 54, 30.676, 56.001.

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, 30.676, 56.001

Protanopia

54, 22.222, 94.823

Deuteranopia

54, 26.916, 74.723



Tritanopia
54, 25.412, 12.301

Trichromacy



Original Color
54, 30.676, 56.001

Protanomaly
54, 23.872, 78.320

Deuteranomaly
54, 27.982, 66.967

Tritanomaly
54, 25.543, 29.865

Monochromacy



Original Color
54, 30.676, 56.001

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 10.617, 60.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 30.676, 56.001 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(170, 117, 86)` looks like.

```
.text, #text, p{  
    color:rgb(170, 117, 86)  
}
```

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(170, 117, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 117, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 30.676, 56.001 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(170, 117, 86) }
```

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

```
.border{ border-color:rgb(170, 117, 86) }
```

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

Here you see how a box with a 4 pixel rgb(170, 117, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 117, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 117, 86);  
box-shadow:4px 4px 4px 4px rgb(170, 117,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 30.676, 56.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 117, 86) }
```

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

```
.background{ background-color: rgb(170,  
117, 86) }
```

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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