

Converting Colors

CIELCh(54, 31.735, 59.979)

Have a look what the booklet for
CIELCh(54, 31.735, 59.979) contains.

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Color

CIELCh(54, 31.915, 60.383)

Conversions

Conversions Part 1

Format	Color
Hex	A97652
RGB	169, 118, 82
RGB Percent	66%, 46%, 32%
CMY	0.3376, 0.5375, 0.6787
CMYK	0.00, 0.30, 0.51, 0.34
HSL	25°, 35%, 49%
HSV	25°, 51%, 66%
XYZ	24.3358, 21.9746, 10.9280
YIQ	129.1450, 41.9520, -0.3840

Conversions

Conversions Part 2

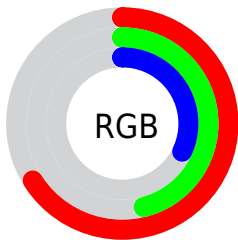
Format	Color
R_{YB}	169, 143, 82
Decimal	11105874
CIE _{Lab}	54.00, 15.77, 27.75
CIE _{LCh}	54, 31.915, 60.383
Yxy	21.9746, 0.4252, 0.3839
Android (android.graphics.Color)	4289295954 (0xFFA97652)
YUV	129.1450, -23.2425, 34.9528
Hunter-Lab	46.8770, 10.6319, 18.9922

Details

The CIELCh color **54, 31.915, 60.383** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **53, 25.256, 254.566**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 31.759, 60.230**, and **34, 31.942, 59.906** is the 20% darker color. If you saturate the color by 10%, you get **51, 39.205, 59.462**, and if you desaturate by 10%, it is **57, 24.948, 61.333**.

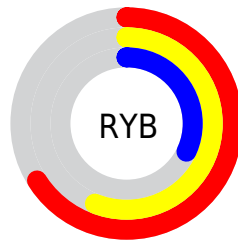
Distribution



Red (66%)

Green (46%)

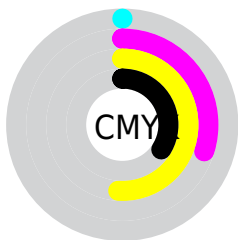
Blue (32%)



Red (66%)

Yellow (56%)

Blue (32%)

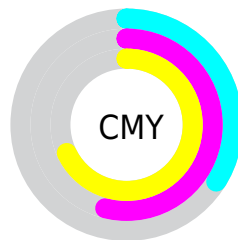


Cyan (0%)

Magenta (30%)

Yellow (51%)

Black (34%)



Cyan (34%)

Magenta (54%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 31.915, 60.383 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, 31.915, 60.383 by changing the saturation by 10% instead.

■ 54, 31.915, 60.383

■ 54, 31.915, 60.383

■ 100, 31.915,
60.383

■ 44, 31.915, 60.383

■ 74, 31.915, 60.383

■ 34, 31.915, 60.383

■ 84, 31.915, 60.383

■ 24, 31.915, 60.383

■ 94, 31.915, 60.383

■ 14, 31.915, 60.383

■ 4, 31.915, 60.383

■ 0, 31.915, 60.383

■ 54, 31.915, 60.383

■ 54, 31.915, 60.383

■ 51, 39.205, 59.462

■ 57, 24.948, 61.333

■ 49, 46.671, 58.508

■ 60, 18.358, 62.309

■ 46, 53.967, 57.400

■ 63, 12.150, 63.310

■ 44, 60.415, 55.862

■ 66, 6.305, 64.311

■ 42, 65.124, 54.336

■ 69, 0.793, 64.926

■ 72, 4.419, 246.529

■ 75, 9.364, 247.505

■ 78, 14.072,
248.491

■ 81, 18.574,
249.459

Harmonies

Complementary

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



54, 31.915, 60.383



53, 25.256, 254.566

Rectangle

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



54, 31.915, 60.383



54, 31.915, 110.383



54, 31.915, 240.383



54, 31.915, 290.383

Sweetspot

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



54, 31.914, 60.388



82, 10.288, 63.936



47, 43.993, 343.313



42, 7.051, 63.734



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



54, 31.914, 60.388



65, 49.085, 59.312



65, 42.212, 100.401



34, 3.074, 64.525



37, 58.871, 54.774



3, 5.395, 58.524

Inverse Universe

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



53, 25.256, 254.566



64, 36.618, 258.093



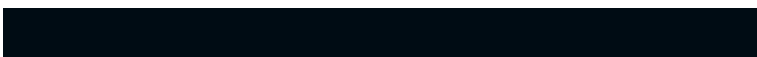
41, 47.286, 293.760



34, 2.971, 246.685



36, 39.789, 273.262



3, 5.727, 254.444

Previews

White Background



This preview shows how the CIELCh color 54, 31.915, 60.383 looks on a white background.

Color Contrast Check

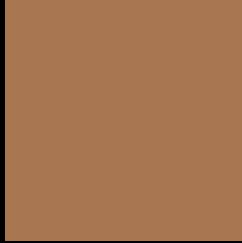
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.915, 60.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

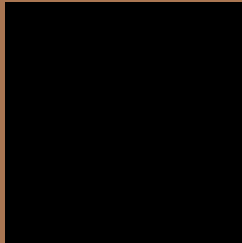
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 31.915, 60.383

Background



This preview shows how black text looks on a background with the CIELCh color 54, 31.915, 60.383.



This preview shows how white text looks on a background with the CIELCh color 54, 31.915, 60.383.

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, 31.915, 60.383

Protanopia

54, 24.962, 95.761

Deuteranopia

54, 28.891, 76.661



Tritanopia
54, 24.994, 12.067

Trichromacy



Original Color
54, 31.915, 60.383

Protanomaly
54, 25.909, 80.295

Deuteranomaly
54, 29.947, 70.557

Tritanomaly
54, 24.974, 32.508

Monochromacy



Original Color
54, 31.915, 60.383

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 11.021, 62.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 31.915, 60.383 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(169, 118, 82)` looks like.

```
.text, #text, p{  
    color:rgb(169, 118, 82)  
}
```

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(169, 118, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 118, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 31.915, 60.383 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(169, 118, 82) }
```

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

```
.border{ border-color:rgb(169, 118, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 118, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 118, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 118, 82);  
box-shadow:4px 4px 4px 4px rgb(169, 118,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 31.915, 60.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 118, 82) }
```

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

```
.background{ background-color: rgb(169,  
118, 82) }
```

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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