

Converting Colors

CIELCh(54, 28.790, 37.102)

Have a look what the booklet for
CIELCh(54, 28.790, 37.102) contains.

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Color

CIELCh(54, 28.794, 37.096)

Conversions

Conversions Part 1

Format	Color
Hex	AF7164
RGB	175, 113, 100
RGB Percent	69%, 44%, 39%
CMY	0.3122, 0.5555, 0.6065
CMYK	0.00, 0.35, 0.43, 0.31
HSL	10°, 32%, 54%
HSV	10°, 43%, 69%
XYZ	26.0279, 21.9746, 15.0126
YIQ	130.0560, 41.1250, 9.1010

Conversions

Conversions Part 2

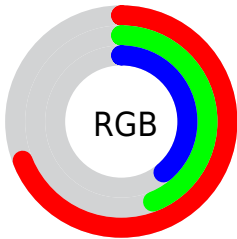
Format	Color
R_{YB}	175, 116, 100
Decimal	11497828
CIE _{Lab}	54.00, 22.97, 17.37
CIE _{LCh}	54, 28.794, 37.096
Yxy	21.9746, 0.4130, 0.3487
Android (android.graphics.Color)	4289687908 (0xFFAF7164)
YUV	130.0560, -14.8176, 39.4159
Hunter-Lab	46.8770, 17.0751, 13.8261

Details

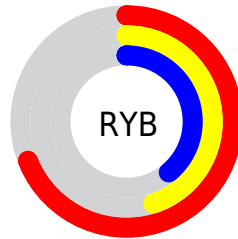
The CIELCh color **54, 28.794, 37.096** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63, 21.034, 218.255**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 28.648, 36.714**, and **34, 28.944, 37.120** is the 20% darker color. If you saturate the color by 10%, you get **50, 36.939, 37.762**, and if you desaturate by 10%, it is **58, 21.181, 36.671**.

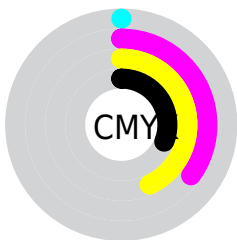
Distribution



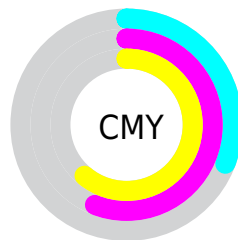
- Red (69%)
- Green (44%)
- Blue (39%)



- Red (69%)
- Yellow (45%)
- Blue (39%)



- Cyan (0%)
- Magenta (35%)
- Yellow (43%)
- Black (31%)



- Cyan (31%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 28.794, 37.096 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, 28.794, 37.096 by changing the saturation by 10% instead.

■ 54, 28.794, 37.096

■ 54, 28.794, 37.096

■ 100, 28.794,
37.096

■ 44, 28.794, 37.096

■ 74, 28.794, 37.096

■ 34, 28.794, 37.096

■ 84, 28.794, 37.096

■ 24, 28.794, 37.096

■ 94, 28.794, 37.096

■ 14, 28.794, 37.096

■ 4, 28.794, 37.096

■ 0, 28.794, 37.096

■ 54, 28.794, 37.096

■ 54, 28.794, 37.096

■ 50, 36.939, 37.762

■ 58, 21.181, 36.671

■ 47, 45.542, 38.687

■ 62, 14.124, 36.428

44, 54.417, 39.862

66, 7.606, 36.317

41, 63.164, 41.153

70, 1.593, 36.106

39, 70.902, 42.140

75, 3.962, 216.667

38, 75.658, 42.823

79, 9.107, 216.783

83, 13.887,
216.998

88, 18.347,
217.255

92, 22.244,
213.275

Harmonies

Complementary

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



54, 28.794, 37.096



63, 21.034, 218.255

Rectangle

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



54, 28.794, 37.096



54, 28.794, 87.096



54, 28.794, 217.096



54, 28.794, 267.096

Sweetspot

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



54, 28.793, 37.101



83, 9.551, 36.321



53, 44.538, 332.051



44, 6.797, 36.338



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



54, 28.793, 37.101



65, 43.854, 37.691



63, 29.883, 85.589



34, 3.288, 36.293



32, 67.072, 42.879



2, 6.866, 32.919

Inverse Universe

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



63, 21.034, 218.255



78, 29.526, 219.150



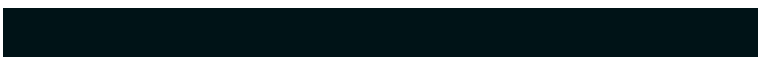
53, 29.680, 278.366



36, 3.103, 216.681



48, 29.382, 229.155



5, 6.494, 224.122

Previews

White Background



This preview shows how the CIELCh color 54, 28.794, 37.096 looks on a white background.

Color Contrast Check

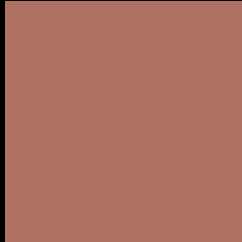
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.794, 37.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

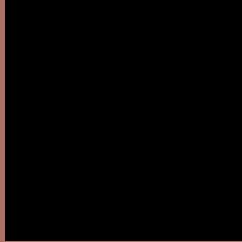
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 28.794, 37.096

Background



This preview shows how black text looks on a background with the CIELCh color 54, 28.794, 37.096.



This preview shows how white text looks on a background with the CIELCh color 54, 28.794, 37.096.

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, 28.794, 37.096

Protanopia

54, 12.503, 92.939

Deuteranopia

54, 19.554, 69.178



Tritanopia
54, 28.006, 13.653

Trichromacy



Original Color
54, 28.794, 37.096

Protanomaly
54, 16.089, 59.936

Deuteranomaly
54, 22.094, 53.550

Tritanomaly
54, 27.489, 22.691

Monochromacy



Original Color
54, 28.794, 37.096

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 10.019, 36.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 28.794, 37.096 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(175, 113, 100)` looks like.

```
.text, #text, p{  
    color:rgb(175, 113, 100)  
}
```

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(175, 113, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 113, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 28.794, 37.096 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(175, 113, 100) }
```

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

```
.border{ border-color:rgb(175, 113, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 113, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 113, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 113, 100);  
box-shadow:4px 4px 4px 4px rgb(175, 113,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 28.794, 37.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 113, 100) }
```

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

```
.background{ background-color: rgb(175,  
113, 100) }
```

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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