

Converting Colors

CIELCh(54, 17.328, 30.677)

Have a look what the booklet for
CIELCh(54, 17.328, 30.677) contains.

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Color

CIELCh(54, 17.296, 30.667)

Conversions

Conversions Part 1

Format	Color
Hex	A07873
RGB	160, 120, 115
RGB Percent	63%, 47%, 45%
CMY	0.3745, 0.5312, 0.5508
CMYK	0.00, 0.25, 0.28, 0.37
HSL	7°, 19%, 54%
HSV	7°, 28%, 63%
XYZ	24.1305, 21.9746, 19.0540
YIQ	131.3900, 25.4450, 6.9250

Conversions

Conversions Part 2

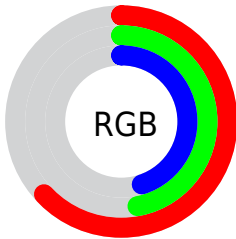
Format	Color
R_{YB}	160, 121, 115
Decimal	10516595
CIE _{Lab}	54.00, 14.88, 8.82
CIE _{LCh}	54, 17.296, 30.667
Yxy	21.9746, 0.3703, 0.3372
Android (android.graphics.Color)	4288706675 (0xFFA07873)
YUV	131.3900, -8.0803, 25.0910
Hunter-Lab	46.8770, 9.8501, 8.7144

Details

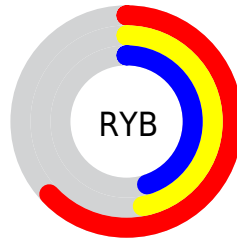
The CIELCh color $54, 17.296, 30.667$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $61, 14.237, 209.679$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 17.586, 29.570$, and $34, 17.211, 30.255$ is the 20% darker color. If you saturate the color by 10%, you get $50, 24.386, 31.373$, and if you desaturate by 10%, it is $58, 10.714, 30.178$.

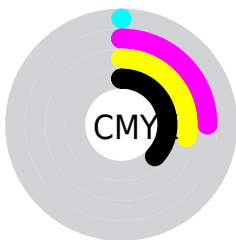
Distribution



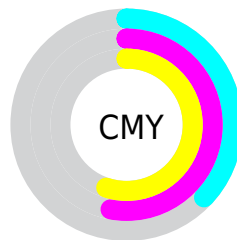
- Red (63%)
- Green (47%)
- Blue (45%)



- Red (63%)
- Yellow (47%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (28%)
- Black (37%)



- Cyan (37%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 17.296, 30.667 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, 17.296, 30.667 by changing the saturation by 10% instead.

■ 54, 17.296, 30.667

■ 54, 17.296, 30.667

■ 100, 17.296,
30.667

■ 44, 17.296, 30.667

■ 74, 17.296, 30.667

■ 34, 17.296, 30.667

■ 84, 17.296, 30.667

■ 24, 17.296, 30.667

■ 94, 17.296, 30.667

■ 14, 17.296, 30.667

■ 4, 17.296, 30.667

■ 0, 17.296, 30.667

■ 54, 17.296, 30.667

■ 54, 17.296, 30.667

■ 50, 24.386, 31.373

■ 58, 10.714, 30.178

■ 46, 31.969, 32.338

■ 62, 4.631, 29.805

43, 39.972, 33.627

66, 0.986, 210.192

40, 48.251, 35.277

71, 6.177, 209.695

37, 56.533, 37.244

75, 10.988,
209.635

35, 64.270, 39.268

79, 15.462,
209.648

34, 70.622, 40.995

34, 71.685, 41.382

84, 19.639,
209.705

88, 23.555,
209.794

92, 27.200,
206.415

Harmonies

Complementary

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



54, 17.296, 30.667



61, 14.237, 209.679

Rectangle

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



54, 17.296, 30.667



54, 17.296, 80.667



54, 17.296, 210.667



54, 17.296, 260.667

Sweetspot

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



54, 17.295, 30.673



79, 5.584, 29.804



54, 28.748, 328.875



41, 4.023, 29.856



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



54, 17.295, 30.673



66, 26.425, 31.097



60, 17.038, 81.813



31, 3.189, 29.844



30, 65.520, 41.121



1, 4.050, 29.150

Inverse Universe

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



61, 14.237, 209.679



76, 20.663, 209.784



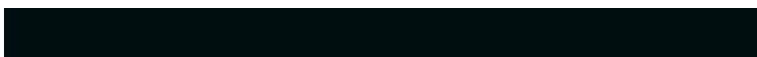
55, 16.516, 269.719



33, 3.008, 209.718



48, 28.802, 215.995



3, 3.960, 212.095

Previews

White Background



This preview shows how the CIELCh color 54, 17.296, 30.667 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, 17.296, 30.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

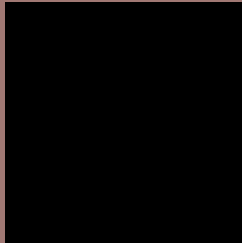
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 17.296, 30.667

Background



This preview shows how black text looks on a background with the CIELCh color 54, 17.296, 30.667.



This preview shows how white text looks on a background with the CIELCh color 54, 17.296, 30.667.

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, 17.296, 30.667

Protanopia

54, 6.084, 89.754

Deuteranopia

54, 11.644, 52.838



Tritanopia
54, 18.327, 5.360

Trichromacy



Original Color
54, 17.296, 30.667

Protanomaly
54, 8.793, 55.794

Deuteranomaly
54, 13.404, 43.069

Tritanomaly
54, 17.137, 15.674

Monochromacy



Original Color
54, 17.296, 30.667

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 5.810, 31.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 17.296, 30.667 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(160, 120, 115)` looks like.

```
.text, #text, p{  
    color:rgb(160, 120, 115)  
}
```

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(160, 120, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 120, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 17.296, 30.667 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(160, 120, 115) }
```

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

```
.border{ border-color:rgb(160, 120, 115) }
```

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

Here you see how a box with a 4 pixel rgb(160, 120, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 120, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 120, 115);  
box-shadow:4px 4px 4px 4px rgb(160, 120,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 17.296, 30.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 120, 115) }
```

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

```
.background{ background-color: rgb(160,  
120, 115) }
```

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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