

Converting Colors

CIELCh(54, 16.829, 71.583)

Have a look what the booklet for
CIELCh(54, 16.829, 71.583) contains.

CIELCh(54, 16.688, 71.657)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 16.688, 71.657)

Conversions

Conversions Part 1

Format	Color
Hex	947D66
RGB	148, 125, 102
RGB Percent	58%, 49%, 40%
CMY	0.4190, 0.5092, 0.5995
CMYK	0.00, 0.16, 0.31, 0.42
HSL	30°, 18%, 49%
HSV	30°, 31%, 58%
XYZ	21.9959, 21.9746, 15.6881
YIQ	129.2550, 21.0910, -2.2770

Conversions

Conversions Part 2

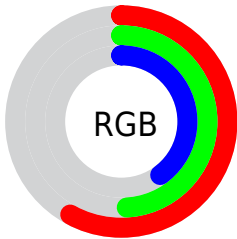
Format	Color
R_{YB}	148, 148, 102
Decimal	9731430
CIE _{Lab}	54.00, 5.25, 15.84
CIE _{LCh}	54, 16.688, 71.657
Yxy	21.9746, 0.3687, 0.3683
Android (android.graphics.Color)	4287921510 (0xFF947D66)
YUV	129.2550, -13.4367, 16.4394
Hunter-Lab	46.8770, 1.7219, 12.9716

Details

The CIELCh color $54, 16.688, 71.657$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $51, 15.349, 260.186$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 16.878, 72.371$, and $34, 16.516, 71.700$ is the 20% darker color. If you saturate the color by 10%, you get $52, 22.576, 70.435$, and if you desaturate by 10%, it is $56, 11.056, 72.879$.

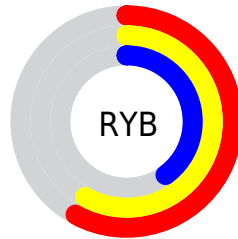
Distribution



Red (58%)

Green (49%)

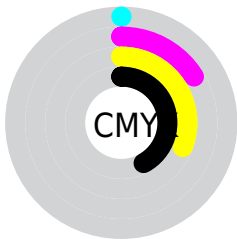
Blue (40%)



Red (58%)

Yellow (58%)

Blue (40%)

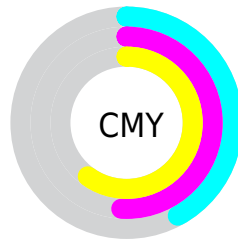


Cyan (0%)

Magenta (16%)

Yellow (31%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 16.688, 71.657 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, 16.688, 71.657 by changing the saturation by 10% instead.

■ 54, 16.688, 71.657

■ 54, 16.688, 71.657

■ 100, 16.688,
71.657

■ 44, 16.688, 71.657

■ 74, 16.688, 71.657

■ 34, 16.688, 71.657

■ 84, 16.688, 71.657

■ 24, 16.688, 71.657

■ 94, 16.688, 71.657

■ 14, 16.688, 71.657

■ 4, 16.688, 71.657

■ 0, 16.688, 71.657

■ 54, 16.688, 71.657

■ 54, 16.688, 71.657

■ 52, 22.576, 70.435

■ 56, 11.056, 72.879

■ 50, 28.701, 69.194

■ 59, 5.673, 74.063

■ 47, 35.001, 67.925

■ 61, 0.525, 74.741

■ 45, 41.329, 66.584

■ 64, 4.409, 256.528

■ 43, 47.378, 65.066

■ 66, 9.151, 257.620

■ 42, 52.595, 63.156

■ 69, 13.721,
258.697

■ 40, 56.663, 61.306

■ 71, 18.139,
259.739

■ 74, 22.422,
260.739

■ 76, 26.585,
261.697

Harmonies

Complementary

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



54, 16.688, 71.657



51, 15.349, 260.186

Rectangle

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



54, 16.688, 71.657



54, 16.688, 121.657



54, 16.688, 251.657



54, 16.688, 301.657

Sweetspot

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



54, 16.688, 71.664



76, 5.724, 74.276



49, 22.801, 346.469



39, 3.978, 74.124



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



54, 16.688, 71.664



67, 25.137, 70.841



60, 25.545, 107.257



30, 2.882, 74.274



37, 53.657, 61.574



2, 2.480, 75.419

Inverse Universe

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



51, 15.349, 260.186



64, 22.653, 261.577



45, 27.496, 293.910



30, 2.824, 256.647



30, 44.610, 282.893



1, 2.481, 255.432

Previews

White Background



This preview shows how the CIELCh color 54, 16.688, 71.657 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, 16.688, 71.657 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, 16.688, 71.657

Background



This preview shows how black text looks on a background with the CIELCh color 54, 16.688, 71.657.



This preview shows how white text looks on a background with the CIELCh color 54, 16.688, 71.657.

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, 16.688, 71.657

Protanopia

54, 14.721, 94.936

Deuteranopia

54, 17.432, 66.074



Tritanopia
54, 13.382, 355.616

Trichromacy



Original Color
54, 16.688, 71.657

Protanomaly
54, 15.409, 87.059

Deuteranomaly
54, 17.124, 67.134

Tritanomaly
54, 11.278, 26.390

Monochromacy



Original Color
54, 16.688, 71.657

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 6.119, 76.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 16.688, 71.657 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(148, 125, 102)` looks like.

```
.text, #text, p{  
    color:rgb(148, 125, 102)  
}
```

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(148, 125, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 125, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 16.688, 71.657 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(148, 125, 102) }
```

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

```
.border{ border-color:rgb(148, 125, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 125, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 125, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 125, 102);  
box-shadow:4px 4px 4px 4px rgb(148, 125,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 16.688, 71.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 125, 102) }
```

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

```
.background{ background-color: rgb(148,  
125, 102) }
```

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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