

Converting Colors

CIELCh(54, 16.559, 63.660)

Have a look what the booklet for
CIELCh(54, 16.559, 63.660) contains.

CIELCh(54, 16.559, 63.660)	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, 16.559, 63.660)

Conversions

Conversions Part 1	
Format	Color
Hex	977C68
RGB	151, 124, 104
RGB Percent	59%, 49%, 41%
CMY	0.4081, 0.5139, 0.5924
CMYK	0.00, 0.18, 0.31, 0.41
HSL	26°, 18%, 50%
HSV	26°, 31%, 59%
XYZ	22.4494, 21.9746, 16.1414
YIQ	129.7930, 22.5120, -0.4960

Conversions

Conversions Part 2

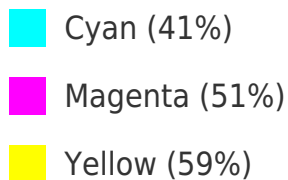
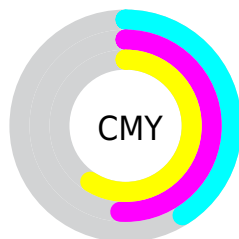
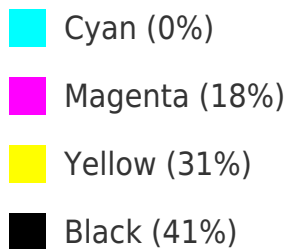
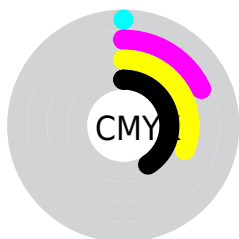
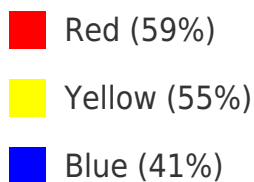
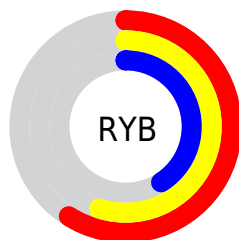
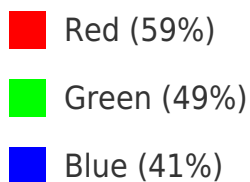
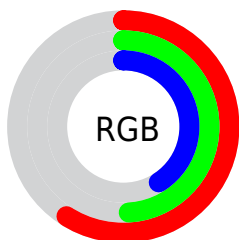
Format	Color
RYB	151, 139, 104
Decimal	9927784
CIELab	54.00, 7.35, 14.84
CIELCh	54, 16.559, 63.660
Yxy	21.9746, 0.3707, 0.3628
Android (android.graphics.Color)	4288117864 (0xFF977C68)
YUV	129.7930, -12.7159, 18.5985
Hunter-Lab	46.8770, 3.4488, 12.3983

Details

The CIELCh color **54, 16.559, 63.660** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **53, 14.625, 251.387**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 16.702, 64.908**, and **34, 16.425, 63.021** is the 20% darker color. If you saturate the color by 10%, you get **51, 22.538, 62.653**, and if you desaturate by 10%, it is **57, 10.913, 64.699**.

Distribution




Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 16.559, 63.660 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, 16.559, 63.660 by changing the saturation by 10% instead.

 54, 16.559, 63.660

 54, 16.559, 63.660

 100, 16.559,
63.660

 44, 16.559, 63.660

 74, 16.559, 63.660

 34, 16.559, 63.660

 84, 16.559, 63.660

 24, 16.559, 63.660

 94, 16.559, 63.660

 14, 16.559, 63.660

 4, 16.559, 63.660

 0, 16.559, 63.660

 54, 16.559, 63.660

 54, 16.559, 63.660

 51, 22.538, 62.653

 57, 10.913, 64.699

 49, 28.846, 61.662

 59, 5.585, 65.724

 46, 35.439, 60.684

 62, 0.549, 66.214


 44, 42.189, 59.677

 65, 4.225, 247.975


 42, 48.808, 58.527


 68, 8.763, 248.967


 40, 54.724, 56.989

 71, 13.095,
249.965

 38, 59.429, 55.527

 73, 17.244,
250.941

 76, 21.232,
251.887

 79, 25.079,
252.801

Harmonies

Complementary

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



54, 16.559, 63.660



53, 14.625, 251.387

Rectangle

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



54, 16.559, 63.660



54, 16.559, 113.660



54, 16.559, 243.660



54, 16.559, 293.660

Sweetspot

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



54, 16.559, 63.668



76, 5.563, 65.917



50, 24.450, 341.974



40, 3.911, 65.784



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



54, 16.559, 63.668



67, 24.868, 62.995



60, 24.036, 103.423



31, 2.851, 65.912



36, 56.221, 55.791



2, 3.006, 66.108

Inverse Universe

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



53, 14.625, 251.387



66, 21.308, 252.692



47, 25.539, 290.560



31, 2.762, 248.093



33, 39.031, 274.537



2, 3.030, 248.106

Previews

White Background



This preview shows how the CIELCh color 54, 16.559, 63.660 looks on a white background.

Color Contrast Check

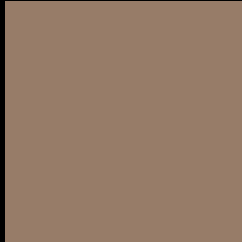
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.559, 63.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

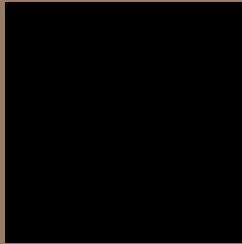
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 16.559, 63.660

Background



This preview shows how black text looks on a background with the CIELCh color 54, 16.559, 63.660.



This preview shows how white text looks on a background with the CIELCh color 54, 16.559, 63.660.

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, 16.559, 63.660

Protanopia

54, 13.610, 94.031

Deuteranopia

54, 16.239, 64.724



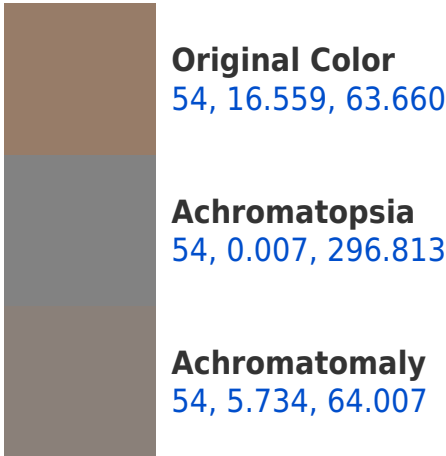
Tritanopia

54, 14.901, 358.586

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIElCh 54, 16.559, 63.660 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(151, 124, 104)` looks like.

```
.text, #text, p{  
    color:rgb(151, 124, 104)  
}
```

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(151, 124, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 124, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 16.559, 63.660 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(151, 124, 104) }
```

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

```
.border{ border-color:rgb(151, 124, 104) }
```

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

Here you see how a box with a 4 pixel rgb(151, 124, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 124, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 124, 104);  
box-shadow:4px 4px 4px 4px rgb(151, 124,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 16.559, 63.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 124, 104) }
```

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

```
.background{ background-color: rgb(151,  
124, 104) }
```

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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