

Converting Colors

CIELCh(54, 11.838, 5.828)

Have a look what the booklet for
CIELCh(54, 11.838, 5.828) contains.

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Color

CIELCh(54, 11.766, 6.672)

Conversions

Conversions Part 1

Format	Color
Hex	967A7F
RGB	150, 122, 127
RGB Percent	59%, 48%, 50%
CMY	0.4113, 0.5211, 0.5015
CMYK	0.00, 0.19, 0.15, 0.41
HSL	349°, 12%, 53%
HSV	349°, 19%, 59%
XYZ	23.4082, 21.9746, 23.1227
YIQ	130.9420, 15.0830, 7.4910

Conversions

Conversions Part 2

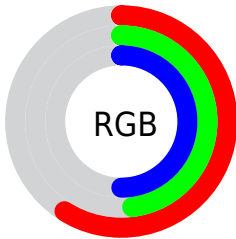
Format	Color
R_{YB}	150, 122, 127
Decimal	9861759
CIE _{Lab}	54.00, 11.69, 1.37
CIE _{LCh}	54, 11.766, 6.672
Yxy	21.9746, 0.3417, 0.3208
Android (android.graphics.Color)	4288051839 (0xFF967A7F)
YUV	130.9420, -1.9434, 16.7139
Hunter-Lab	46.8770, 7.0999, 3.5684

Details

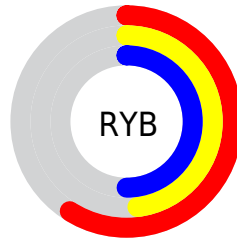
The CIELCh color $54, 11.766, 6.672$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $60, 10.884, 183.330$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 11.872, 4.640$, and $34, 11.999, 6.415$ is the 20% darker color. If you saturate the color by 10%, you get $50, 18.518, 7.926$, and if you desaturate by 10%, it is $58, 5.315, 5.600$.

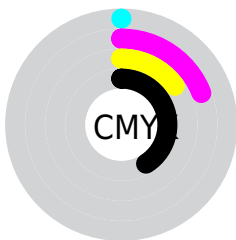
Distribution



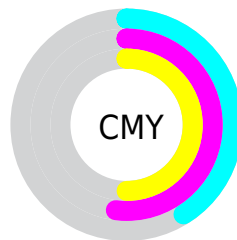
- Red (59%)
- Green (48%)
- Blue (50%)



- Red (59%)
- Yellow (48%)
- Blue (50%)



- Cyan (0%)
- Magenta (19%)
- Yellow (15%)
- Black (41%)



- Cyan (41%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 11.766, 6.672 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, 11.766, 6.672 by changing the saturation by 10% instead.

 54, 11.766, 6.672  54, 11.766, 6.672

 100, 11.766, 6.672  44, 11.766, 6.672

 74, 11.766, 6.672  34, 11.766, 6.672

 84, 11.766, 6.672  24, 11.766, 6.672


 94, 11.766, 6.672  14, 11.766, 6.672

 4, 11.766, 6.672

 0, 11.766, 6.672

 54, 11.766, 6.672  54, 11.766, 6.672

 50, 18.518, 7.926  58, 5.315, 5.600

 46, 25.501, 9.432  63, 0.800, 185.320

42, 32.583, 11.290

67, 6.579, 184.099

39, 39.566, 13.615

72, 12.035,
183.403

36, 46.199, 16.546

76, 17.193,
182.801

34, 52.241, 20.211

32, 57.543, 24.653

81, 22.077,
182.267

31, 62.276, 29.485

85, 26.716,
181.787

31, 62.933, 30.073

90, 31.135,
181.352

94, 34.364,
182.474

Harmonies

Complementary

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



54, 11.766, 6.672



60, 10.884, 183.330

Rectangle

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



54, 11.766, 6.672



54, 11.766, 56.672



54, 11.766, 186.672



54, 11.766, 236.672

Sweetspot

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



54, 11.764, 6.678



76, 4.555, 5.331



54, 18.399, 320.116



40, 3.050, 5.395



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, 11.764, 6.678



67, 17.436, 7.126



56, 9.425, 52.312



29, 3.432, 5.656



28, 58.856, 29.616



1, 2.931, 4.902

Inverse Universe

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



54, 11.764, 6.678



67, 17.436, 7.126



58, 8.530, 235.335



29, 3.432, 5.656



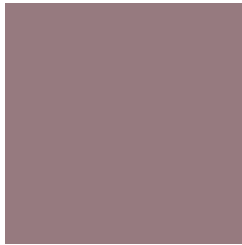
28, 58.856, 29.616



1, 2.931, 4.902

Previews

White Background



This preview shows how the CIELCh color 54, 11.766, 6.672 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, 11.766, 6.672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

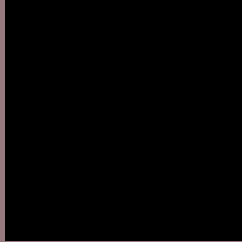
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 11.766, 6.672

Background



This preview shows how black text looks on a background with the CIELCh color 54, 11.766, 6.672.



This preview shows how white text looks on a background with the CIELCh color 54, 11.766, 6.672.

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, 11.766, 6.672

Protanopia

54, 1.410, 324.389

Deuteranopia

54, 7.390, 11.261



Tritanopia
54, 12.782, 357.114

Trichromacy



Original Color
54, 11.766, 6.672

Protanomaly
54, 5.336, 354.413

Deuteranomaly
54, 9.109, 9.532

Tritanomaly
54, 12.591, 359.537

Monochromacy



Original Color
54, 11.766, 6.672

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 4.169, 3.803

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 54, 11.766, 6.672 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(150, 122, 127)` looks like.

```
.text, #text, p{  
    color:rgb(150, 122, 127)  
}
```

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(150, 122, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 122, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 11.766, 6.672 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(150, 122, 127) }
```

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

```
.border{ border-color:rgb(150, 122, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 122, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 122, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 122, 127);  
box-shadow:4px 4px 4px 4px rgb(150, 122,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 11.766, 6.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 122, 127) }
```

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

```
.background{ background-color: rgb(150,  
122, 127) }
```

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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