

Converting Colors

CIELCh(54, 11.695, 358.824)

Have a look what the booklet for
CIELCh(54, 11.695, 358.824)
contains.

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Color

CIELCh(54, 11.830, 357.966)

Conversions

Conversions Part 1

Format	Color
Hex	957A82
RGB	149, 122, 130
RGB Percent	58%, 48%, 51%
CMY	0.4151, 0.5210, 0.4896
CMYK	0.00, 0.18, 0.13, 0.42
HSL	342°, 11%, 53%
HSV	342°, 18%, 58%
XYZ	23.4388, 21.9746, 24.1771
YIQ	130.9850, 13.5240, 8.2120

Conversions

Conversions Part 2

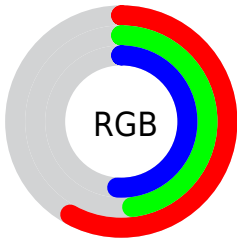
Format	Color
R_{YB}	149, 122, 130
Decimal	9796226
CIE _{Lab}	54.00, 11.82, -0.42
CIE _{LCh}	54, 11.830, 357.966
Yxy	21.9746, 0.3368, 0.3158
Android (android.graphics.Color)	4287986306 (0xFF957A82)
YUV	130.9850, -0.4856, 15.7992
Hunter-Lab	46.8770, 7.2162, 2.2347

Details

The CIELCh color $54, 11.830, 357.966$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $60, 11.235, 174.588$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 12.001, 356.604$, and $34, 12.059, 357.058$ is the 20% darker color. If you saturate the color by 10%, you get $50, 18.672, 359.186$, and if you desaturate by 10%, it is $58, 5.192, 356.894$.

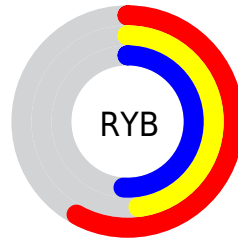
Distribution



Red (58%)

Green (48%)

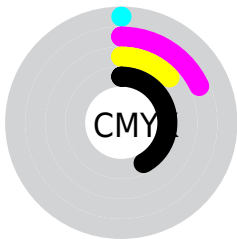
Blue (51%)



Red (58%)

Yellow (48%)

Blue (51%)

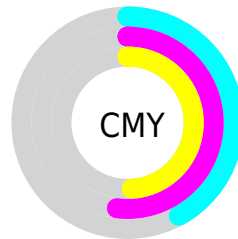


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (42%)



Cyan (42%)

Magenta (52%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 11.830, 357.966 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, 11.830, 357.966 by changing the saturation by 10% instead.


 54, 11.830,
357.966

 54, 11.830,
357.966

 100, 11.830,
357.966


 44, 11.830,
357.966

 74, 11.830,
357.966

 34, 11.830,
357.966

 84, 11.830,
357.966

 24, 11.830,
357.966

 94, 11.830,
357.966

 14, 11.830,
357.966

 4, 11.830, 357.966

 0, 11.830, 357.966

54, 11.830,
357.966

54, 11.830,
357.966

50, 18.672,
359.186

58, 5.192, 356.894

46, 25.625, 0.615

63, 1.184, 176.389

42, 32.527, 2.336

67, 7.281, 175.315

39, 39.143, 4.454

71, 13.099,
174.573

36, 45.187, 7.103

76, 18.651,
173.916

34, 50.373, 10.443

80, 23.953,
173.322


32, 54.528, 14.616

31, 57.890, 19.501

85, 29.027,
172.779

31, 58.564, 20.398

89, 33.893,
172.281

 93, 37.870,
172.521

Harmonies

Complementary

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



54, 11.830, 357.966



60, 11.235, 174.588

Rectangle

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



54, 11.830, 357.966



54, 11.830, 47.966



54, 11.830, 177.966



54, 11.830, 227.966

Sweetspot

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



54, 11.828, 357.971



76, 3.943, 356.565



54, 17.235, 316.473



39, 2.685, 356.638



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, 11.828, 357.971



67, 17.933, 358.476



55, 9.475, 39.169



29, 3.603, 357.009



28, 55.129, 19.949



1, 3.094, 356.220

Inverse Universe

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



54, 11.828, 357.971



67, 17.933, 358.476



58, 8.446, 220.138



29, 3.603, 357.009



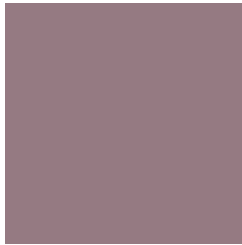
28, 55.129, 19.949



1, 3.094, 356.220

Previews

White Background



This preview shows how the CIELCh color 54, 11.830, 357.966 looks on a white background.

Color Contrast Check

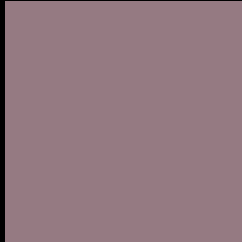
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.830, 357.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

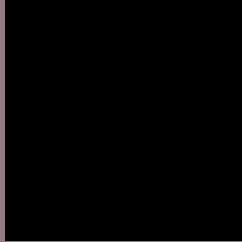
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 11.830, 357.966

Background



This preview shows how black text looks on a background with the CIELCh color 54, 11.830, 357.966.



This preview shows how white text looks on a background with the CIELCh color 54, 11.830, 357.966.

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, 11.830, 357.966

Protanopia

54, 2.918, 298.236

Deuteranopia

54, 7.045, 356.102



Tritanopia
54, 12.039, 355.418

Trichromacy



Original Color
54, 11.830, 357.966

Protanomaly
54, 5.280, 339.108

Deuteranomaly
54, 8.762, 357.237

Tritanomaly
54, 12.039, 355.418

Monochromacy



Original Color
54, 11.830, 357.966

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 4.358, 356.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 11.830, 357.966 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(149, 122, 130)` looks like.

```
.text, #text, p{  
    color:rgb(149, 122, 130)  
}
```

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(149, 122, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 122, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 11.830, 357.966 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(149, 122, 130) }
```

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

```
.border{ border-color:rgb(149, 122, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 122, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 122, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 122, 130);  
box-shadow:4px 4px 4px 4px rgb(149, 122,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 11.830, 357.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 122, 130) }
```

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

```
.background{ background-color: rgb(149,  
122, 130) }
```

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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