

Converting Colors

CIELCh(54, 21.621, 3.424)

Have a look what the booklet for
CIELCh(54, 21.621, 3.424) contains.

CIELCh(54, 22.059, 2.548)	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, 22.059, 2.548)

Conversions

Conversions Part 1

Format	Color
Hex	A67380
RGB	166, 115, 128
RGB Percent	65%, 45%, 50%
CMY	0.3485, 0.5485, 0.4975
CMYK	0.00, 0.31, 0.23, 0.35
HSL	345°, 22%, 55%
HSV	345°, 31%, 65%
XYZ	25.8050, 21.9746, 23.3480
YIQ	131.7310, 26.2230, 14.8550

Conversions

Conversions Part 2

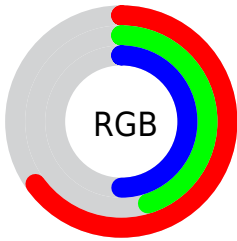
Format	Color
R_{YB}	166, 115, 128
Decimal	10908544
CIE _{Lab}	54.00, 22.04, 0.98
CIE _{LCh}	54, 22.059, 2.548
Yxy	21.9746, 0.3628, 0.3089
Android (android.graphics.Color)	4289098624 (0xFFA67380)
YUV	131.7310, -1.8394, 30.0539
Hunter-Lab	46.8770, 16.2263, 3.2834

Details

The CIELCh color **54, 22.059, 2.548** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 19.857, 176.236**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 22.317, 1.836**, and **34, 22.200, 2.415** is the 20% darker color. If you saturate the color by 10%, you get **50, 29.640, 4.112**, and if you desaturate by 10%, it is **58, 14.600, 1.247**.

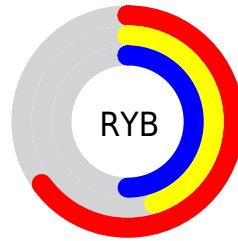
Distribution



Red (65%)

Green (45%)

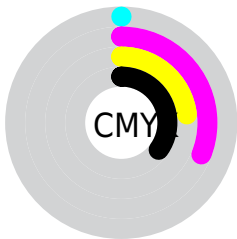
Blue (50%)



Red (65%)

Yellow (45%)

Blue (50%)

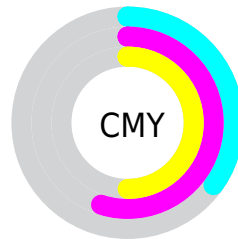


Cyan (0%)

Magenta (31%)

Yellow (23%)

Black (35%)



Cyan (35%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 22.059, 2.548 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, 22.059, 2.548 by changing the saturation by 10% instead.

 54, 22.059, 2.548  54, 22.059, 2.548

 100, 22.059, 2.548  44, 22.059, 2.548

 74, 22.059, 2.548  34, 22.059, 2.548

 84, 22.059, 2.548  24, 22.059, 2.548

 94, 22.059, 2.548  14, 22.059, 2.548

 4, 22.059, 2.548

 0, 22.059, 2.548

 54, 22.059, 2.548  54, 22.059, 2.548

 50, 29.640, 4.112  58, 14.600, 1.247

 46, 37.161, 6.021  63, 7.386, 0.120

42, 44.355, 8.401

68, 0.476, 358.329

39, 50.910, 11.401

73, 6.108, 178.473

37, 56.552, 15.176

77, 12.368,
177.703

35, 61.174, 19.816

82, 18.319,
177.034

35, 64.954, 24.570

87, 23.982,
176.434

92, 29.383,
175.890

94, 29.952,
182.054

Harmonies

Complementary

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



54, 22.059, 2.548



64, 19.857, 176.236

Rectangle

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



54, 22.059, 2.548



54, 22.059, 52.548



54, 22.059, 182.548



54, 22.059, 232.548

Sweetspot

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



54, 22.057, 2.551



81, 7.687, 359.956



54, 32.438, 318.076



43, 5.401, 0.107



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



54, 22.057, 2.551



66, 33.340, 3.609



57, 18.158, 42.629



33, 3.935, 359.970



30, 59.404, 23.967



1, 6.925, 1.786

Inverse Universe

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



54, 22.057, 2.551



66, 33.340, 3.609



61, 14.829, 225.367



33, 3.935, 359.970



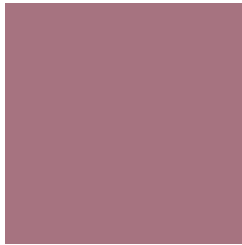
30, 59.404, 23.967



1, 6.925, 1.786

Previews

White Background



This preview shows how the CIELCh color 54, 22.059, 2.548 looks on a white background.

Color Contrast Check

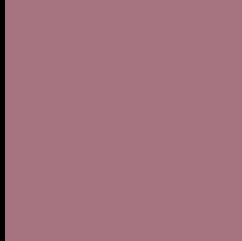
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 54, 22.059, 2.548 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, 22.059, 2.548

Background



This preview shows how black text looks on a background with the CIELCh color 54, 22.059, 2.548.



This preview shows how white text looks on a background with the CIELCh color 54, 22.059, 2.548.

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, 22.059, 2.548

Protanopia

54, 4.062, 296.163

Deuteranopia

54, 7.342, 15.692



Tritanopia
54, 21.218, 8.048

Trichromacy



Original Color
54, 22.059, 2.548

Protanomaly
54, 9.193, 346.182

Deuteranomaly
54, 12.702, 5.188

Tritanomaly
54, 21.300, 6.537

Monochromacy



Original Color
54, 22.059, 2.548

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 7.783, 358.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 22.059, 2.548 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(166, 115, 128)` looks like.

```
.text, #text, p{  
    color:rgb(166, 115, 128)  
}
```

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(166, 115, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 115, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 22.059, 2.548 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(166, 115, 128) }
```

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

```
.border{ border-color:rgb(166, 115, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 115, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 115, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 115, 128);  
box-shadow:4px 4px 4px 4px rgb(166, 115,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 22.059, 2.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 115, 128) }
```

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

```
.background{ background-color: rgb(166,  
115, 128) }
```

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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