

Converting Colors

CIELCh(54, 21.273, 3.090)

Have a look what the booklet for
CIELCh(54, 21.273, 3.090) contains.

CIELCh(54, 21.117, 3.134)	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, 21.117, 3.134)

Conversions

Conversions Part 1

Format	Color
Hex	A57480
RGB	165, 116, 128
RGB Percent	65%, 45%, 50%
CMY	0.3538, 0.5459, 0.4988
CMYK	0.00, 0.30, 0.22, 0.35
HSL	345°, 21%, 55%
HSV	345°, 30%, 65%
XYZ	25.5781, 21.9746, 23.2465
YIQ	132.0190, 25.3520, 14.1200

Conversions

Conversions Part 2

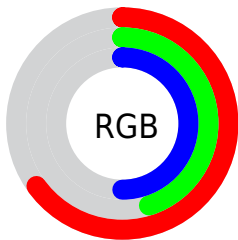
Format	Color
R_{YB}	165, 116, 128
Decimal	10843264
CIE _{Lab}	54.00, 21.09, 1.15
CIE _{LCh}	54, 21.117, 3.134
Yxy	21.9746, 0.3613, 0.3104
Android (android.graphics.Color)	4289033344 (0xFFA57480)
YUV	132.0190, -1.9814, 28.9243
Hunter-Lab	46.8770, 15.3622, 3.4118

Details

The CIELCh color **54, 21.117, 3.134** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 19.012, 177.082**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 21.424, 2.407**, and **34, 21.204, 2.908** is the 20% darker color. If you saturate the color by 10%, you get **50, 28.641, 4.675**, and if you desaturate by 10%, it is **58, 13.740, 1.851**.

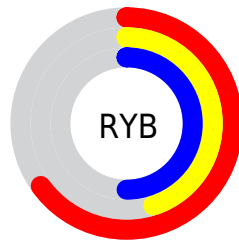
Distribution



Red (65%)

Green (45%)

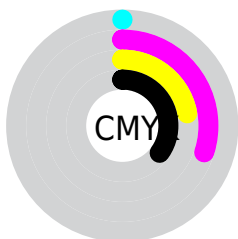
Blue (50%)



Red (65%)

Yellow (45%)

Blue (50%)

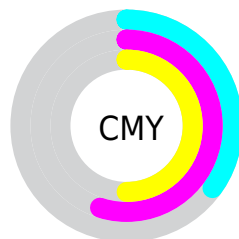


Cyan (0%)

Magenta (30%)

Yellow (22%)

Black (35%)



Cyan (35%)

Magenta (55%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 21.117, 3.134 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, 21.117, 3.134 by changing the saturation by 10% instead.


 54, 21.117, 3.134  54, 21.117, 3.134


 100, 21.117, 3.134  44, 21.117, 3.134

 74, 21.117, 3.134  34, 21.117, 3.134

 84, 21.117, 3.134  24, 21.117, 3.134

 94, 21.117, 3.134  14, 21.117, 3.134

 4, 21.117, 3.134

 0, 21.117, 3.134

 54, 21.117, 3.134  54, 21.117, 3.134

 50, 28.641, 4.675  58, 13.740, 1.851

 46, 36.143, 6.555  63, 6.624, 0.737

42, 43.369, 8.898

68, 0.180, 182.259

39, 50.015, 11.850

73, 6.654, 179.119

37, 55.805, 15.564

77, 12.804,
178.365

35, 60.610, 20.134

82, 18.646,
177.708

34, 64.792, 25.230

34, 64.914, 25.363

87, 24.203,
177.119

92, 29.501,
176.586

94, 30.265,
182.432

Harmonies

Complementary

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



54, 21.117, 3.134



64, 19.012, 177.082

Rectangle

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



54, 21.117, 3.134



54, 21.117, 53.134



54, 21.117, 183.134



54, 21.117, 233.134

Sweetspot

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



54, 21.115, 3.137



80, 7.580, 0.677



54, 31.299, 318.555



42, 5.275, 0.826



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



54, 21.115, 3.137



65, 32.007, 4.173



57, 17.259, 44.394



32, 3.819, 0.687



30, 58.939, 24.706



1, 5.764, 1.596

Inverse Universe

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



54, 21.115, 3.137



65, 32.007, 4.173



61, 14.258, 227.544



32, 3.819, 0.687



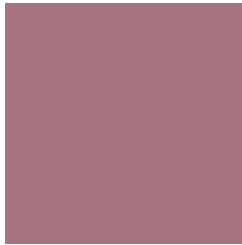
30, 58.939, 24.706



1, 5.764, 1.596

Previews

White Background



This preview shows how the CIELCh color 54, 21.117, 3.134 looks on a white background.

Color Contrast Check

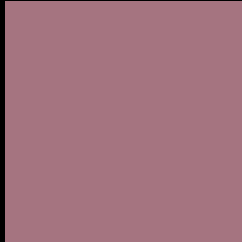
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.117, 3.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

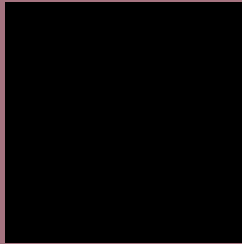
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 21.117, 3.134

Background



This preview shows how black text looks on a background with the CIELCh color 54, 21.117, 3.134.



This preview shows how white text looks on a background with the CIELCh color 54, 21.117, 3.134.

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, 21.117, 3.134

Protanopia

54, 3.489, 297.018

Deuteranopia

54, 7.342, 15.692



Tritanopia
54, 20.404, 7.356

Trichromacy



Original Color
54, 21.117, 3.134

Protanomaly
54, 8.895, 349.276

Deuteranomaly
54, 12.170, 7.206

Tritanomaly
54, 20.494, 5.787

Monochromacy



Original Color
54, 21.117, 3.134

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 7.607, 2.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 21.117, 3.134 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(165, 116, 128)` looks like.

```
.text, #text, p{  
    color:rgb(165, 116, 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(165, 116, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 116, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 21.117, 3.134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

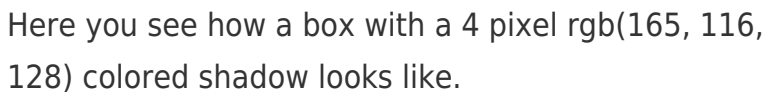
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 116, 128) }
```

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

```
.border{ border-color:rgb(165, 116, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 116, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 116, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 116, 128); box-shadow:4px 4px 4px 4px rgb(165, 116, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 21.117, 3.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 116, 128) }
```

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

```
.background{ background-color: rgb(165,  
116, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor