

Converting Colors

CIELCh(54, 21.344, 4.166)

Have a look what the booklet for
CIELCh(54, 21.344, 4.166) contains.

CIELCh(54, 20.999, 4.643)	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, 20.999, 4.643)

Conversions

Conversions Part 1

Format	Color
Hex	A5747F
RGB	165, 116, 127
RGB Percent	65%, 45%, 50%
CMY	0.3535, 0.5456, 0.5025
CMYK	0.00, 0.30, 0.23, 0.35
HSL	347°, 21%, 55%
HSV	347°, 30%, 65%
XYZ	25.5412, 21.9746, 22.9298
YIQ	131.9050, 25.6730, 13.8090

Conversions

Conversions Part 2

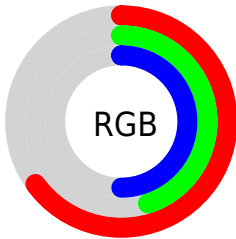
Format	Color
R_{YB}	165, 116, 127
Decimal	10843263
CIE _{Lab}	54.00, 20.93, 1.70
CIE _{LCh}	54, 20.999, 4.643
Y _{xy}	21.9746, 0.3626, 0.3119
Android (android.graphics.Color)	4289033343 (0xFFA5747F)
YUV	131.9050, -2.4182, 29.0243
Hunter-Lab	46.8770, 15.2217, 3.8124

Details

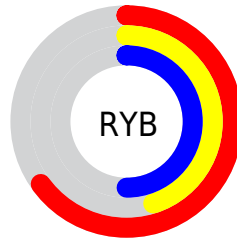
The CIELCh color **54, 20.999, 4.643** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 18.768, 178.637**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 21.297, 3.798**, and **34, 21.089, 4.545** is the 20% darker color. If you saturate the color by 10%, you get **50, 28.529, 6.196**, and if you desaturate by 10%, it is **58, 13.642, 3.356**.

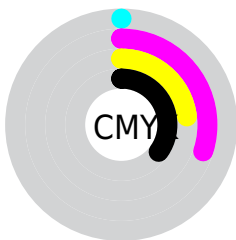
Distribution



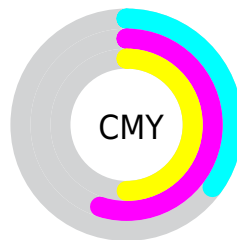
- Red (65%)
- Green (45%)
- Blue (50%)



- Red (65%)
- Yellow (45%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (23%)
- Black (35%)



- Cyan (35%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 20.999, 4.643 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, 20.999, 4.643 by changing the saturation by 10% instead.

■ 54, 20.999, 4.643 ■ 54, 20.999, 4.643

■ 100, 20.999, 4.643 ■ 44, 20.999, 4.643

■ 74, 20.999, 4.643 ■ 34, 20.999, 4.643

■ 84, 20.999, 4.643 ■ 24, 20.999, 4.643

■ 94, 20.999, 4.643 ■ 14, 20.999, 4.643

■ 4, 20.999, 4.643

■ 0, 20.999, 4.643

■ 54, 20.999, 4.643 ■ 54, 20.999, 4.643

■ 50, 28.529, 6.196 ■ 58, 13.642, 3.356

■ 46, 36.069, 8.098 ■ 63, 6.565, 2.242

42, 43.372, 10.473

68, 0.185, 183.734

39, 50.143, 13.468

73, 6.594, 180.640

37, 56.113, 17.229

77, 12.671,
179.895

35, 61.156, 21.829

82, 18.433,
179.249

34, 65.602, 26.898

34, 65.735, 27.034

87, 23.907,
178.671

92, 29.118,
178.149

94, 29.833,
184.443

Harmonies

Complementary

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



54, 20.999, 4.643



64, 18.768, 178.637

Rectangle

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



54, 20.999, 4.643



54, 20.999, 54.643



54, 20.999, 184.643



54, 20.999, 234.643

Sweetspot

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



54, 20.997, 4.646



80, 7.517, 2.184



54, 31.417, 319.073



42, 5.232, 2.332



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, 20.997, 4.646



65, 31.862, 5.690



57, 17.142, 46.178



32, 3.787, 2.194



30, 59.640, 26.382



1, 5.718, 2.993

Inverse Universe

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



54, 20.997, 4.646



65, 31.862, 5.690



61, 14.227, 229.829



32, 3.787, 2.194



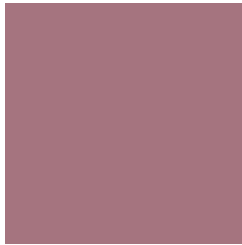
30, 59.640, 26.382



1, 5.718, 2.993

Previews

White Background



This preview shows how the CIELCh color 54, 20.999, 4.643 looks on a white background.

Color Contrast Check

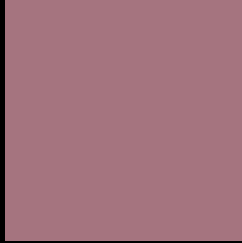
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.999, 4.643 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, 20.999, 4.643

Background



This preview shows how black text looks on a background with the CIELCh color 54, 20.999, 4.643.



This preview shows how white text looks on a background with the CIELCh color 54, 20.999, 4.643.

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, 20.999, 4.643

Protanopia

54, 2.918, 298.236

Deuteranopia

54, 7.340, 20.153



Tritanopia
54, 20.811, 7.708

Trichromacy



Original Color
54, 20.999, 4.643

Protanomaly
54, 8.626, 352.577

Deuteranomaly
54, 12.082, 9.866

Tritanomaly
54, 20.897, 6.168

Monochromacy



Original Color
54, 20.999, 4.643

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, 20.999, 4.643 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(165, 116, 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(165, 116, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 116, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 20.999, 4.643 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, 127) }
```

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

```
.border{ border-color:rgb(165, 116, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 116, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 116, 127);  
box-shadow:4px 4px 4px 4px rgb(165, 116,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 20.999, 4.643 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, 127) }
```

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

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

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