

Converting Colors

CIELCh(54, 5.682, 19.949)

Have a look what the booklet for
CIELCh(54, 5.682, 19.949) contains.

CIELCh(54, 5.674, 19.950)	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, 5.674, 19.950)

Conversions

Conversions Part 1

Format	Color
Hex	8C7E7E
RGB	140, 126, 126
RGB Percent	55%, 49%, 49%
CMY	0.4513, 0.5062, 0.5062
CMYK	0.00, 0.10, 0.10, 0.45
HSL	0°, 6%, 52%
HSV	0°, 10%, 55%
XYZ	22.0135, 21.9746, 22.7935
YIQ	130.1860, 8.3440, 2.9680

Conversions

Conversions Part 2

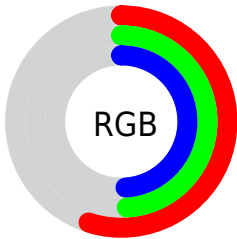
Format	Color
R_{YB}	140, 126, 126
Decimal	9207422
CIE _{Lab}	54.00, 5.33, 1.94
CIE _{LCh}	54, 5.674, 19.950
Yxy	21.9746, 0.3296, 0.3291
Android (android.graphics.Color)	4287397502 (0xFF8C7E7E)
YUV	130.1860, -2.0637, 8.6069
Hunter-Lab	46.8770, 1.7888, 3.9847

Details

The CIELCh color $54, 5.674, 19.950$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 5.337, 198.973$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 5.680, 19.791$, and $34, 5.781, 20.243$ is the 20% darker color. If you saturate the color by 10%, you get $50, 11.784, 20.787$, and if you desaturate by 10%, it is $58, 0.008, 312.920$.

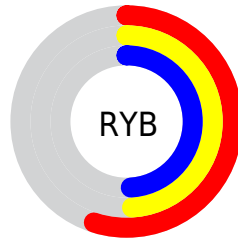
Distribution



Red (55%)

Green (49%)

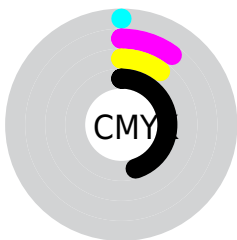
Blue (49%)



Red (55%)

Yellow (49%)

Blue (49%)

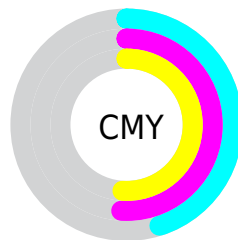


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (45%)



Cyan (45%)

Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 5.674, 19.950 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, 5.674, 19.950 by changing the saturation by 10% instead.

 54, 5.674, 19.950  54, 5.674, 19.950

 100, 5.674, 19.950  44, 5.674, 19.950

 74, 5.674, 19.950  34, 5.674, 19.950

 84, 5.674, 19.950  24, 5.674, 19.950


 94, 5.674, 19.950  14, 5.674, 19.950

 4, 5.674, 19.950

 0, 5.674, 19.950

 54, 5.674, 19.950  54, 5.674, 19.950

 50, 11.784, 20.787  58, 0.008, 312.920

 46, 18.343, 21.810  62, 5.251, 199.023

42, 25.321, 23.127

67, 10.126,
198.597

39, 32.635, 24.834

71, 14.663,
198.273

35, 40.141, 27.031

33, 47.626, 29.793

75, 18.900,
198.013

31, 54.794, 33.079

80, 22.873,
197.801

29, 61.145, 36.528

28, 65.983, 39.037

84, 26.616,
197.625

88, 30.156,
197.479

93, 33.520,
197.356

Harmonies

Complementary

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



54, 5.674, 19.950



57, 5.337, 198.973

Rectangle

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



54, 5.674, 19.950



54, 5.674, 69.950



54, 5.674, 199.950



54, 5.674, 249.950

Sweetspot

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



54, 5.673, 19.965



72, 2.045, 19.348



54, 9.778, 324.952



38, 1.567, 19.442



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



54, 5.673, 19.965



67, 8.470, 20.138



56, 4.886, 74.184



27, 3.148, 19.898



27, 63.127, 38.662



0, 1.414, 19.420

Inverse Universe

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



57, 5.337, 198.973



72, 7.855, 198.845



55, 4.777, 256.740



29, 2.977, 199.024



50, 30.831, 196.413



1, 1.414, 199.437

Previews

White Background



This preview shows how the CIELCh color 54, 5.674, 19.950 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, 5.674, 19.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

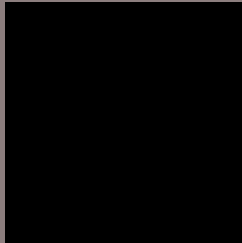
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

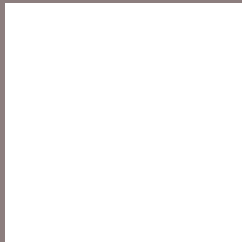
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 5.674, 19.950

Background



This preview shows how black text looks on a background with the CIELCh color 54, 5.674, 19.950.



This preview shows how white text looks on a background with the CIELCh color 54, 5.674, 19.950.

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, 5.674, 19.950

Protanopia

54, 1.649, 63.328

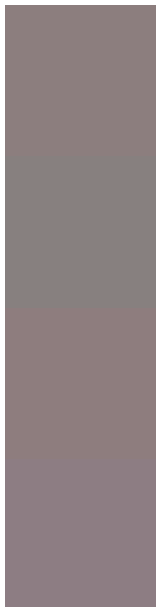
Deuteranopia

54, 7.342, 15.692



Tritanopia
54, 8.219, 341.265

Trichromacy



Original Color
54, 5.674, 19.950

Protanomaly
54, 2.865, 31.110

Deuteranomaly
54, 6.930, 15.373

Tritanomaly
54, 7.287, 351.955

Monochromacy



Original Color
54, 5.674, 19.950

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 1.995, 19.416

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 54, 5.674, 19.950 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(140, 126, 126)` looks like.

```
.text, #text, p{  
    color:rgb(140, 126, 126)  
}
```

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(140, 126, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 126, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 5.674, 19.950 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(140, 126, 126) }
```

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

```
.border{ border-color:rgb(140, 126, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 126, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 126, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 126, 126);  
box-shadow:4px 4px 4px 4px rgb(140, 126,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 5.674, 19.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 126, 126) }
```

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

```
.background{ background-color: rgb(140,  
126, 126) }
```

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