

Converting Colors

CIELCh(54, 19.801, 169.028)

Have a look what the booklet for
CIELCh(54, 19.801, 169.028)
contains.

CIELCh(54, 19.721, 169.513)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 19.721, 169.513)

Conversions

Conversions Part 1

Format	Color
Hex	5C8A7A
RGB	92, 138, 122
RGB Percent	36%, 54%, 48%
CMY	0.6380, 0.4575, 0.5203
CMYK	0.33, 0.00, 0.12, 0.46
HSL	159°, 20%, 45%
HSV	159°, 33%, 54%
XYZ	17.1124, 21.9746, 21.8546
YIQ	122.4220, -22.2800, -14.7280

Conversions

Conversions Part 2

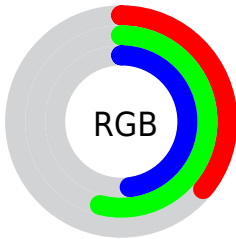
Format	Color
R_{YB}	92, 120, 138
Decimal	6064762
CIE _{Lab}	54.00, -19.39, 3.59
CIE _{LCh}	54, 19.721, 169.513
Yxy	21.9746, 0.2808, 0.3606
Android (android.graphics.Color)	4284254842 (0xFF5C8A7A)
YUV	122.4220, -0.2080, -26.6801
Hunter-Lab	46.8770, -16.8735, 5.1723

Details

The CIELCh color $54, 19.721, 169.513$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $45, 21.350, 356.256$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 19.957, 168.603$, and $34, 20.023, 168.637$ is the 20% darker color. If you saturate the color by 10%, you get $53, 25.182, 168.337$, and if you desaturate by 10%, it is $55, 13.975, 170.584$.

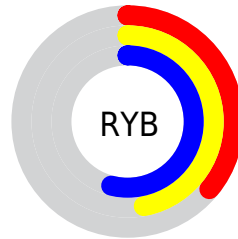
Distribution



Red (36%)

Green (54%)

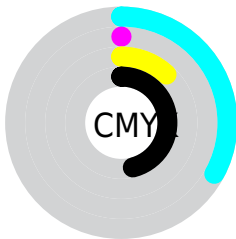
Blue (48%)



Red (36%)

Yellow (47%)

Blue (54%)

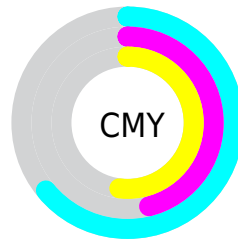


Cyan (33%)

Magenta (0%)

Yellow (12%)

Black (46%)



Cyan (64%)


Magenta (46%)


Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 19.721, 169.513 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, 19.721, 169.513 by changing the saturation by 10% instead.


 54, 19.721,
169.513


 54, 19.721,
169.513


 100, 19.721,
169.513


 44, 19.721,
169.513


 74, 19.721,
169.513

 34, 19.721,
169.513

 84, 19.721,
169.513

 24, 19.721,
169.513

 94, 19.721,
169.513

 14, 19.721,
169.513

 4, 19.721, 169.513

 0, 19.721, 169.513

■ 54, 19.721,
169.513

■ 54, 19.721,
169.513

■ 53, 25.182,
168.337

■ 55, 13.975,
170.584

■ 52, 30.261,
167.038

■ 56, 8.034, 171.580

■ 57, 1.983, 172.618

■ 52, 34.867,
165.592

■ 58, 4.109, 353.199

■ 51, 38.929,
163.975

■ 60, 10.185,
354.041

■ 51, 42.406,
162.171

■ 61, 16.202,
354.802

■ 51, 45.306,
160.172

■ 63, 22.126,
355.516

■ 51, 47.103,
158.831

■ 65, 27.936,
356.195

■ 66, 33.618,
356.842

Harmonies

Complementary

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



54, 19.721, 169.513



45, 21.350, 356.256

Rectangle

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



54, 19.721, 169.513



54, 19.721, 219.513



54, 19.721, 349.513



54, 19.721, 39.513

Sweetspot

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



54, 19.722, 169.511



72, 7.558, 171.875



54, 28.930, 132.626



38, 5.194, 171.754



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, 19.722, 169.511



69, 29.146, 168.626



52, 14.273, 214.517



29, 3.412, 171.980



49, 45.606, 158.928



1, 1.593, 172.733

Inverse Universe

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



45, 21.350, 356.256



54, 32.139, 357.357



46, 17.976, 34.461



27, 3.487, 353.488



27, 52.608, 14.992



0, 1.593, 352.720

Previews

White Background



This preview shows how the CIE LCh color 54, 19.721, 169.513 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, 19.721, 169.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

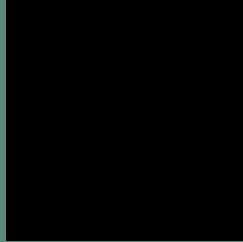
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 19.721, 169.513

Background



This preview shows how black text looks on a background with the CIELCh color 54, 19.721, 169.513.



This preview shows how white text looks on a background with the CIELCh color 54, 19.721, 169.513.

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, 19.721, 169.513

Protanopia
54, 6.779, 87.961

Deuteranopia
54, 7.354, 15.699



Tritanopia
54, 14.214, 224.973

Trichromacy



Original Color
54, 19.721, 169.513

Protanomaly
54, 9.162, 143.904

Deuteranomaly
53, 3.520, 144.286

Tritanomaly
54, 14.392, 200.325

Monochromacy



Original Color
54, 19.721, 169.513

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 7.564, 171.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 19.721, 169.513 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(92, 138, 122)` looks like.

```
.text, #text, p{  
    color:rgb(92, 138, 122)  
}
```

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(92, 138, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 138, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 19.721, 169.513 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(92, 138, 122) }
```

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

```
.border{ border-color:rgb(92, 138, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 138, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 138, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 138, 122);  
box-shadow:4px 4px 4px 4px rgb(92, 138,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 19.721, 169.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 138, 122) }
```

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

```
.background{ background-color: rgb(92, 138,  
122) }
```

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