

Converting Colors

CIELCh(54, 18.047, 199.524)

Have a look what the booklet for
CIELCh(54, 18.047, 199.524)
contains.

CIELCh(54, 18.051, 199.517)	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, 18.051, 199.517)

Conversions

Conversions Part 1

Format	Color
Hex	568A8B
RGB	86, 138, 139
RGB Percent	34%, 54%, 55%
CMY	0.6632, 0.4593, 0.4554
CMYK	0.38, 0.01, 0.00, 0.46
HSL	181°, 24%, 44%
HSV	181°, 38%, 54%
XYZ	17.5484, 21.9746, 27.6954
YIQ	122.5660, -31.3130, -10.7130

Conversions

Conversions Part 2

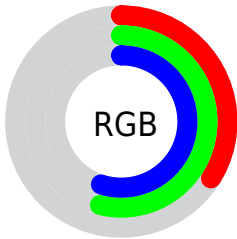
Format	Color
R _Y B	86, 112, 139
Decimal	5671563
CIE Lab	54.00, -17.01, -6.03
CIE LCh	54, 18.051, 199.517
Yxy	21.9746, 0.2611, 0.3269
Android (android.graphics.Color)	4283861643 (0xFF568A8B)
YUV	122.5660, 8.1020, -32.0684
Hunter-Lab	46.8770, -15.2133, -2.2152

Details

The CIELCh color **54, 18.051, 199.517** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **43, 23.465, 24.161**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 18.342, 198.018**, and **34, 18.019, 199.054** is the 20% darker color. If you saturate the color by 10%, you get **53, 21.731, 199.260**, and if you desaturate by 10%, it is **55, 13.861, 199.841**.

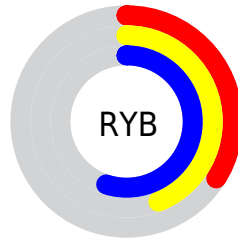
Distribution



Red (34%)

Green (54%)

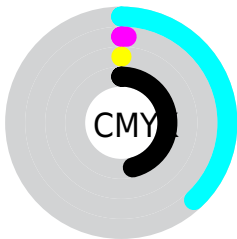
Blue (55%)



Red (34%)

Yellow (44%)

Blue (55%)

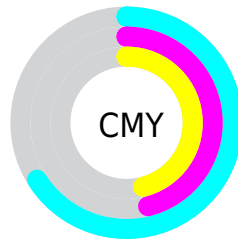


Cyan (38%)

Magenta (1%)

Yellow (0%)

Black (46%)



Cyan (66%)


Magenta (46%)


Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 18.051, 199.517 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, 18.051, 199.517 by changing the saturation by 10% instead.


 54, 18.051,
199.517


 54, 18.051,
199.517


 100, 18.051,
199.517

 44, 18.051,
199.517


 74, 18.051,
199.517

 34, 18.051,
199.517

 84, 18.051,
199.517

 24, 18.051,
199.517

 94, 18.051,
199.517

 14, 18.051,
199.517

 4, 18.051, 199.517

 0, 18.051, 199.517

■ 54, 18.051,
199.517

■ 54, 18.051,
199.517

■ 53, 21.731,
199.260

■ 55, 13.861,
199.841

■ 53, 24.830,
199.085

■ 56, 9.238, 200.237

■ 57, 4.265, 200.722

■ 52, 27.300,
198.997

■ 58, 0.983, 20.666

■ 52, 29.116,
198.999

■ 59, 6.434, 21.536

■ 52, 30.292,
199.093

■ 61, 12.028, 22.098

■ 62, 17.714, 22.657

■ 51, 30.961,
199.264

■ 64, 23.451, 23.222

■ 51, 31.073,
199.296

■ 65, 29.206, 23.789

Harmonies

Complementary

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



54, 18.051, 199.517



43, 23.465, 24.161

Rectangle

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



54, 18.051, 199.517



54, 18.051, 249.517



54, 18.051, 19.517



54, 18.051, 69.517

Sweetspot

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



54, 18.051, 199.514



72, 7.083, 200.557



53, 36.606, 142.136



38, 4.782, 200.499



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, 18.051, 199.514



68, 25.923, 199.285



46, 18.128, 263.436



29, 2.921, 200.667



49, 30.052, 199.283



1, 1.387, 201.023

Inverse Universe

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



44, 36.504, 326.953



54, 53.989, 327.381



50, 19.906, 72.511



27, 5.372, 325.411



31, 70.103, 328.974



0, 2.480, 324.943

Previews

White Background



This preview shows how the CIELCh color 54, 18.051, 199.517 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, 18.051, 199.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

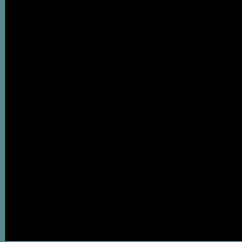
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 18.051, 199.517

Background



This preview shows how black text looks on a background with the CIELCh color 54, 18.051, 199.517.



This preview shows how white text looks on a background with the CIELCh color 54, 18.051, 199.517.

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, 18.051, 199.517

Protanopia

54, 3.004, 305.658

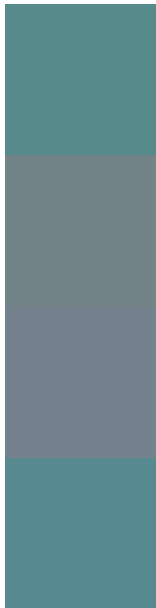
Deuteranopia

54, 10.596, 312.572



Tritanopia
54, 17.487, 219.379

Trichromacy



Original Color
54, 18.051, 199.517

Protanomaly
54, 6.979, 213.204

Deuteranomaly
54, 7.882, 253.002

Tritanomaly
54, 17.471, 213.292

Monochromacy



Original Color
54, 18.051, 199.517

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 7.272, 198.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 18.051, 199.517 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(86, 138, 139)` looks like.

```
.text, #text, p{  
    color:rgb(86, 138, 139)  
}
```

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(86, 138, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 138, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 18.051, 199.517 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(86, 138, 139) }
```

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

```
.border{ border-color:rgb(86, 138, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 138, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 138, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 138, 139);  
box-shadow:4px 4px 4px 4px rgb(86, 138,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 18.051, 199.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 138, 139) }
```

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

```
.background{ background-color: rgb(86, 138,  
139) }
```

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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