

Converting Colors

CIELCh(54, 18.157, 217.034)

Have a look what the booklet for
CIELCh(54, 18.157, 217.034)
contains.

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Color

CIELCh(54, 18.171, 216.505)

Conversions

Conversions Part 1

Format	Color
Hex	558993
RGB	85, 137, 147
RGB Percent	33%, 54%, 58%
CMY	0.6662, 0.4622, 0.4230
CMYK	0.42, 0.07, 0.00, 0.42
HSL	190°, 27%, 46%
HSV	190°, 42%, 58%
XYZ	17.9974, 21.9746, 30.9487
YIQ	122.5920, -34.2020, -7.9140

Conversions

Conversions Part 2

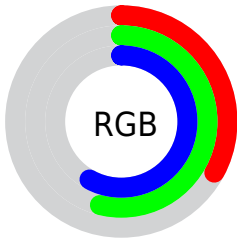
Format	Color
R _Y B	85, 113, 147
Decimal	5605779
CIE Lab	54.00, -14.61, -10.81
CIE LCh	54, 18.171, 216.505
Yxy	21.9746, 0.2538, 0.3098
Android (android.graphics.Color)	4283795859 (0xFF558993)
YUV	122.5920, 12.0331, -32.9682
Hunter-Lab	46.8770, -13.5035, -6.3299

Details

The CIELCh color **54, 18.171, 216.505** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **46, 24.644, 35.953**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 18.041, 217.618**, and **34, 18.191, 215.533** is the 20% darker color. If you saturate the color by 10%, you get **53, 21.391, 217.345**, and if you desaturate by 10%, it is **56, 14.454, 215.907**.

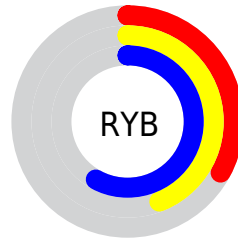
Distribution



Red (33%)

Green (54%)

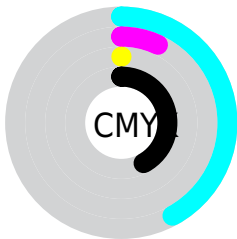
Blue (58%)



Red (33%)

Yellow (44%)

Blue (58%)

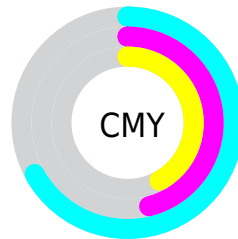


Cyan (42%)

Magenta (7%)

Yellow (0%)

Black (42%)



Cyan (67%)

Magenta (46%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 18.171, 216.505 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, 18.171, 216.505 by changing the saturation by 10% instead.


 54, 18.171,
216.505


 54, 18.171,
216.505


 100, 18.171,
216.505


 44, 18.171,
216.505


 74, 18.171,
216.505

 34, 18.171,
216.505


 84, 18.171,
216.505

 24, 18.171,
216.505

 94, 18.171,
216.505

 14, 18.171,
216.505

 4, 18.171, 216.505

 0, 18.171, 216.505

■ 54, 18.171,
216.505

■ 54, 18.171,
216.505

■ 53, 21.391,
217.345

■ 56, 14.454,
215.907

■ 51, 24.053,
218.489

■ 57, 10.314,
215.514

■ 50, 26.113,
219.997

■ 59, 5.823, 215.298

■ 49, 27.562,
221.934

■ 61, 1.053, 215.515

■ 62, 3.936, 34.958

■ 48, 28.436,
224.359

■ 64, 9.089, 35.067

■ 47, 28.899,
226.485

■ 66, 14.362, 35.188

■ 68, 19.716, 35.341

■ 71, 25.122, 35.522

Harmonies

Complementary

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



54, 18.171, 216.505



46, 24.644, 35.953

Rectangle

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



54, 18.171, 216.505



54, 18.171, 266.505



54, 18.171, 36.505



54, 18.171, 86.505

Sweetspot

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



54, 18.171, 216.502



75, 7.699, 215.313



56, 38.502, 145.514



39, 5.400, 215.347



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



54, 18.171, 216.502



67, 25.927, 217.336



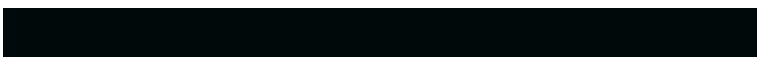
45, 24.754, 276.789



30, 2.742, 215.273



45, 27.541, 226.281



2, 2.454, 215.102

Inverse Universe

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



45, 38.204, 331.775



54, 56.282, 332.406



54, 25.160, 84.368



29, 5.166, 329.723



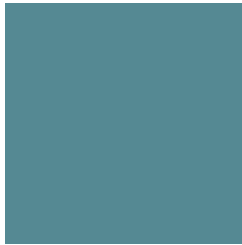
31, 64.628, 335.678



1, 4.490, 329.210

Previews

White Background



This preview shows how the CIE LCh color 54, 18.171, 216.505 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, 18.171, 216.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

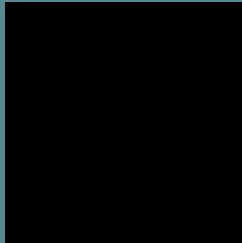
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 18.171, 216.505

Background



This preview shows how black text looks on a background with the CIELCh color 54, 18.171, 216.505.

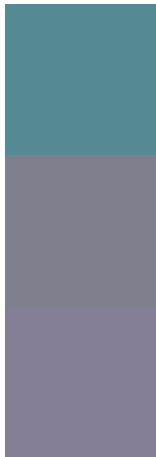


This preview shows how white text looks on a background with the CIELCh color 54, 18.171, 216.505.

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, 18.171, 216.505

Protanopia

54, 7.507, 288.201

Deuteranopia

54, 14.669, 300.656



Tritanopia
54, 18.274, 218.350

Trichromacy



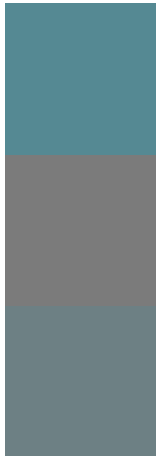
Original Color
54, 18.171, 216.505

Protanomaly
54, 9.665, 244.917

Deuteranomaly
53, 12.598, 266.180

Tritanomaly
54, 18.274, 218.350

Monochromacy



Original Color
54, 18.171, 216.505

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 7.480, 216.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 18.171, 216.505 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(85, 137, 147)` looks like.

```
.text, #text, p{  
    color:rgb(85, 137, 147)  
}
```

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(85, 137, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 137, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 18.171, 216.505 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(85, 137, 147) }
```

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

```
.border{ border-color:rgb(85, 137, 147) }
```

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

Here you see how a box with a 4 pixel rgb(85, 137, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 137, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 137, 147);  
box-shadow:4px 4px 4px 4px rgb(85, 137,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 18.171, 216.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 137, 147) }
```

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

```
.background{ background-color: rgb(85, 137,  
147) }
```

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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