

Converting Colors

CIELCh(54, 15.188, 199.637)

Have a look what the booklet for
CIELCh(54, 15.188, 199.637)
contains.

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Color

CIELCh(54, 15.398, 197.911)

Conversions

Conversions Part 1

Format	Color
Hex	5E8989
RGB	94, 137, 137
RGB Percent	37%, 54%, 54%
CMY	0.6324, 0.4638, 0.4638
CMYK	0.31, 0.00, 0.00, 0.46
HSL	180°, 19%, 45%
HSV	180°, 31%, 54%
XYZ	17.9888, 21.9746, 26.8549
YIQ	124.1430, -25.6280, -9.1160

Conversions

Conversions Part 2

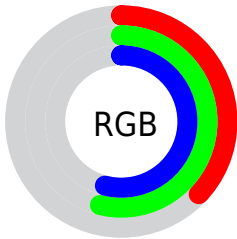
Format	Color
R_{YB}	94, 116, 137
Decimal	6195593
CIE _{Lab}	54.00, -14.65, -4.74
CIE _{LCh}	54, 15.398, 197.911
Yxy	21.9746, 0.2692, 0.3289
Android (android.graphics.Color)	4284385673 (0xFF5E8989)
YUV	124.1430, 6.3385, -26.4354
Hunter-Lab	46.8770, -13.5363, -1.1522

Details

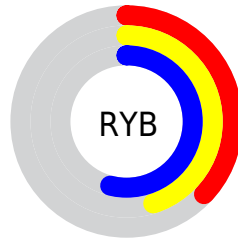
The CIELCh color `54, 15.398, 197.911` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `44, 18.961, 21.958`, and the grayscale version is `52, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 15.243, 198.249`, and `34, 15.310, 197.358` is the 20% darker color. If you saturate the color by 10%, you get `53, 19.466, 197.512`, and if you desaturate by 10%, it is `55, 10.873, 198.359`.

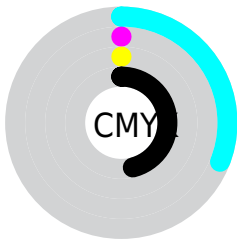
Distribution



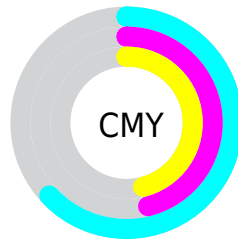
- Red (37%)
- Green (54%)
- Blue (54%)



- Red (37%)
- Yellow (45%)
- Blue (54%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (46%)





- Cyan (63%)
- Magenta (46%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 15.398, 197.911 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, 15.398, 197.911 by changing the saturation by 10% instead.


 54, 15.398,
197.911


 54, 15.398,
197.911


 100, 15.398,
197.911


 44, 15.398,
197.911


 74, 15.398,
197.911

 34, 15.398,
197.911

 84, 15.398,
197.911

 24, 15.398,
197.911

 94, 15.398,
197.911

 14, 15.398,
197.911

 4, 15.398, 197.911

 0, 15.398, 197.911

■ 54, 15.398,
197.911

■ 54, 15.398,
197.911

■ 53, 19.466,
197.512

■ 55, 10.873,
198.359

■ 53, 23.000,
197.175

■ 56, 5.971, 198.875

■ 52, 25.938,
196.899

■ 57, 0.771, 199.867

■ 58, 4.652, 19.789

■ 52, 28.241,
196.686

■ 59, 10.235, 20.413

■ 52, 29.899,
196.534

■ 61, 15.922, 21.018

■ 62, 21.667, 21.627

■ 51, 30.939,
196.439

■ 64, 27.435, 22.237

■ 51, 31.531,
196.385

■ 65, 33.197, 22.846

Harmonies

Complementary

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



54, 15.398, 197.911



44, 18.961, 21.958

Rectangle

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



54, 15.398, 197.911



54, 15.398, 247.911



54, 15.398, 17.911



54, 15.398, 67.911

Sweetspot

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



54, 15.398, 197.907



72, 5.870, 199.006



53, 30.067, 141.920



37, 4.050, 198.930



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



54, 15.398, 197.907



68, 22.446, 197.609



48, 14.316, 258.333



29, 2.978, 199.008



50, 30.839, 196.385



1, 1.414, 199.421

Inverse Universe

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



44, 18.961, 21.958



54, 29.226, 22.932



50, 15.713, 69.893



27, 3.148, 19.883



27, 63.129, 38.658



0, 1.414, 19.404

Previews

White Background



This preview shows how the CIELCh color 54, 15.398, 197.911 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, 15.398, 197.911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

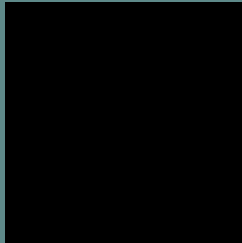
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 15.398, 197.911

Background



This preview shows how black text looks on a background with the CIELCh color 54, 15.398, 197.911.



This preview shows how white text looks on a background with the CIELCh color 54, 15.398, 197.911.

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, 15.398, 197.911

Protanopia

54, 1.916, 314.694

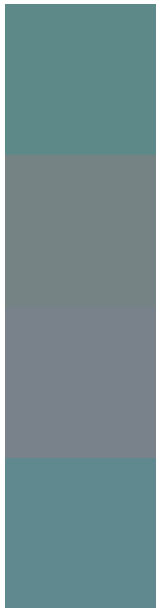
Deuteranopia

54, 9.190, 318.791



Tritanopia
54, 14.772, 223.846

Trichromacy



Original Color
54, 15.398, 197.911

Protanomaly
54, 5.457, 211.188

Deuteranomaly
54, 5.958, 260.190

Tritanomaly
54, 14.817, 214.008

Monochromacy



Original Color
54, 15.398, 197.911

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 6.155, 198.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 15.398, 197.911 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(94, 137, 137)` looks like.

```
.text, #text, p{  
    color:rgb(94, 137, 137)  
}
```

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(94, 137, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 137, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 15.398, 197.911 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(94, 137, 137) }
```

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

```
.border{ border-color:rgb(94, 137, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 137, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 137, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 137, 137);  
box-shadow:4px 4px 4px 4px rgb(94, 137,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 15.398, 197.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 137, 137) }
```

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

```
.background{ background-color: rgb(94, 137,  
137) }
```

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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