

Converting Colors

CIELCh(54, 14.158, 198.044)

Have a look what the booklet for
CIELCh(54, 14.158, 198.044)
contains.

CIELCh(54, 14.127, 198.028)	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, 14.127, 198.028)

Conversions

Conversions Part 1

Format	Color
Hex	618888
RGB	97, 136, 136
RGB Percent	38%, 53%, 53%
CMY	0.6191, 0.4661, 0.4662
CMYK	0.29, 0.00, 0.00, 0.47
HSL	180°, 17%, 46%
HSV	180°, 29%, 53%
XYZ	18.2188, 21.9746, 26.6221
YIQ	124.3390, -23.2440, -8.2680

Conversions

Conversions Part 2

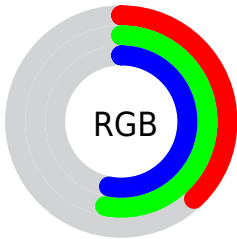
Format	Color
R _Y B	97, 117, 136
Decimal	6391944
CIE Lab	54.00, -13.43, -4.37
CIE LCh	54, 14.127, 198.028
Yxy	21.9746, 0.2727, 0.3289
Android (android.graphics.Color)	4284582024 (0xFF618888)
YUV	124.3390, 5.7489, -23.9763
Hunter-Lab	46.8770, -12.6605, -0.8577

Details

The CIELCh color `54, 14.127, 198.028` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `45, 17.042, 21.631`, and the grayscale version is `52, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 13.963, 198.347`, and `34, 14.141, 197.497` is the 20% darker color. If you saturate the color by 10%, you get `53, 18.316, 197.613`, and if you desaturate by 10%, it is `55, 9.505, 198.492`.

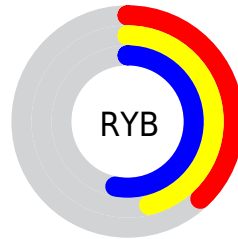
Distribution



Red (38%)

Green (53%)

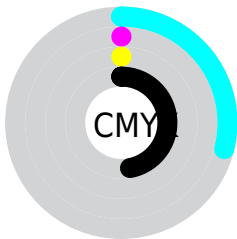
Blue (53%)



Red (38%)

Yellow (46%)

Blue (53%)

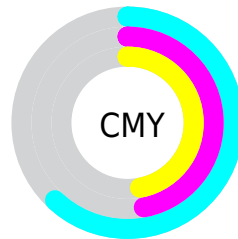


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (47%)



Cyan (62%)

Magenta (47%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 14.127, 198.028 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, 14.127, 198.028 by changing the saturation by 10% instead.


 54, 14.127,
198.028


 54, 14.127,
198.028


 100, 14.127,
198.028


 44, 14.127,
198.028


 74, 14.127,
198.028

 34, 14.127,
198.028

 84, 14.127,
198.028

 24, 14.127,
198.028

 94, 14.127,
198.028

 14, 14.127,
198.028

 4, 14.127, 198.028

 0, 14.127, 198.028

■ 54, 14.127,
198.028

■ 54, 14.127,
198.028

■ 53, 18.316,
197.613

■ 55, 9.505, 198.492

■ 53, 21.994,
197.259

■ 56, 4.529, 199.035

■ 57, 0.722, 18.899

■ 52, 25.095,
196.966

■ 58, 6.177, 19.966

■ 52, 27.571,
196.734

■ 59, 11.774, 20.577

■ 61, 17.461, 21.183

■ 51, 29.404,
196.565

■ 62, 23.195, 21.792

■ 51, 30.609,
196.454

■ 64, 28.944, 22.402

■ 65, 34.680, 23.010

■ 51, 31.340,
196.386

■ 51, 31.433,

Harmonies

Complementary

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



54, 14.127, 198.028



45, 17.042, 21.631

Rectangle

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



54, 14.127, 198.028



54, 14.127, 248.028



54, 14.127, 18.028



54, 14.127, 68.028

Sweetspot

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



54, 14.127, 198.024



71, 5.801, 199.002



53, 27.319, 142.149



37, 4.050, 198.926



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, 14.127, 198.024



68, 20.196, 197.767



48, 13.029, 257.803



29, 2.978, 199.004



50, 30.840, 196.378



1, 1.414, 199.417

Inverse Universe

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



45, 17.042, 21.631



55, 25.483, 22.363



50, 14.168, 70.224



27, 3.148, 19.879



27, 63.127, 38.656



0, 1.414, 19.400

Previews

White Background



This preview shows how the CIE LCh color 54, 14.127, 198.028 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, 14.127, 198.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

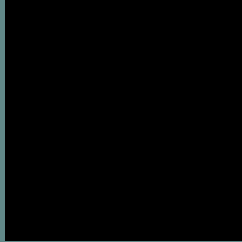
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 14.127, 198.028

Background



This preview shows how black text looks on a background with the CIELCh color 54, 14.127, 198.028.



This preview shows how white text looks on a background with the CIELCh color 54, 14.127, 198.028.

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, 14.127, 198.028

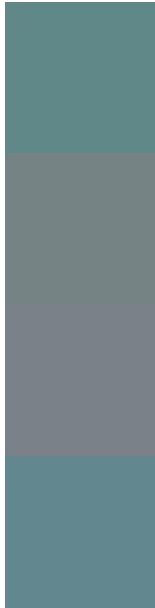
Protanopia
54, 1.916, 314.694

Deuteranopia
54, 8.888, 322.792



Tritanopia
54, 13.746, 223.264

Trichromacy



Original Color
54, 14.127, 198.028

Protanomaly
54, 5.093, 212.114

Deuteranomaly
54, 5.113, 264.108

Tritanomaly
54, 13.620, 215.569

Monochromacy



Original Color
54, 14.127, 198.028

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 5.414, 198.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 14.127, 198.028 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(97, 136, 136)` looks like.

```
.text, #text, p{  
    color:rgb(97, 136, 136)  
}
```

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(97, 136, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 136, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 14.127, 198.028 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(97, 136, 136) }
```

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

```
.border{ border-color:rgb(97, 136, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 136, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 136, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 136, 136);  
box-shadow:4px 4px 4px 4px rgb(97, 136,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 14.127, 198.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 136, 136) }
```

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

```
.background{ background-color: rgb(97, 136,  
136) }
```

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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