

Converting Colors

CIELCh(54, 9.656, 203.301)

Have a look what the booklet for
CIELCh(54, 9.656, 203.301) contains.

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Color

CIELCh(54, 9.707, 201.896)

Conversions

Conversions Part 1

Format	Color
Hex	6C8687
RGB	108, 134, 135
RGB Percent	42%, 53%, 53%
CMY	0.5766, 0.4746, 0.4707
CMYK	0.20, 0.01, 0.00, 0.47
HSL	182°, 11%, 48%
HSV	182°, 20%, 53%
XYZ	19.0710, 21.9746, 26.1447
YIQ	126.3400, -15.8170, -5.2010

Conversions

Conversions Part 2

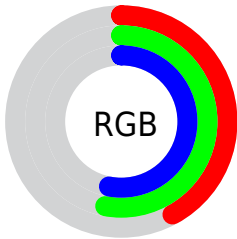
Format	Color
R_{YB}	108, 121, 135
Decimal	7112327
CIE Lab	54.00, -9.01, -3.62
CIE LCh	54, 9.707, 201.896
Yxy	21.9746, 0.2838, 0.3270
Android (android.graphics.Color)	4285302407 (0xFF6C8687)
YUV	126.3400, 4.2694, -16.0842
Hunter-Lab	46.8770, -9.4155, -0.2539

Details

The CIELCh color `54, 9.707, 201.896` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `48, 11.042, 23.705`, and the grayscale version is `53, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 9.618, 201.941`, and `34, 9.472, 201.950` is the 20% darker color. If you saturate the color by 10%, you get `53, 14.071, 201.586`, and if you desaturate by 10%, it is `55, 4.993, 202.283`.

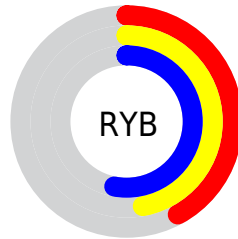
Distribution



Red (42%)

Green (53%)

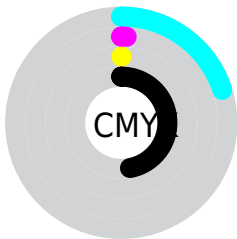
Blue (53%)



Red (42%)

Yellow (47%)

Blue (53%)

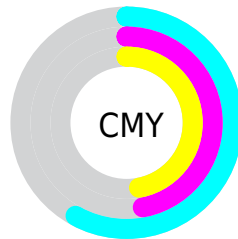


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 9.707, 201.896 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, 9.707, 201.896 by changing the saturation by 10% instead.

■ 54, 9.707, 201.896

■ 54, 9.707, 201.896

■ 100, 9.707,
201.896

■ 44, 9.707, 201.896

■ 74, 9.707, 201.896

■ 34, 9.707, 201.896

■ 84, 9.707, 201.896

■ 24, 9.707, 201.896

■ 94, 9.707, 201.896

■ 14, 9.707, 201.896

■ 4, 9.707, 201.896

■ 0, 9.707, 201.896

■ 54, 9.707, 201.896

■ 54, 9.707, 201.896

■ 53, 14.071,
201.586

■ 55, 4.993, 202.283

■ 56, 0.007, 284.528

■ 52, 18.006,
201.363

■ 58, 5.200, 22.966

■ 51, 21.437,
201.231

■ 59, 10.550, 23.481

■ 51, 24.298,
201.199

■ 60, 16.001, 23.989

■ 50, 26.545,
201.280

■ 64, 27.051, 25.028

■ 50, 28.157,
201.484

■ 65, 32.592, 25.551

■ 49, 29.152,
201.816

■ 67, 38.116, 26.071

■ 49, 29.734,
202.239

Harmonies

Complementary

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



54, 9.707, 201.896



48, 11.042, 23.705

Rectangle

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



54, 9.707, 201.896



54, 9.707, 251.896



54, 9.707, 21.896



54, 9.707, 71.896

Sweetspot

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



54, 9.707, 201.889



71, 3.754, 202.485



54, 18.611, 144.104



37, 2.506, 202.452



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, 9.707, 201.889



68, 14.253, 201.742



50, 9.516, 261.753



27, 2.780, 202.325



47, 28.951, 202.217



1, 0.681, 202.620

Inverse Universe

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



49, 18.582, 326.509



61, 27.695, 326.755



52, 9.907, 76.479



26, 5.141, 325.909



30, 68.180, 329.712



0, 1.225, 325.440

Previews

White Background



This preview shows how the CIELCh color 54, 9.707, 201.896 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, 9.707, 201.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

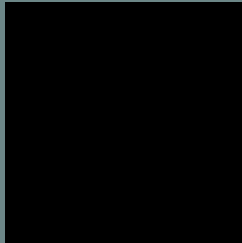
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

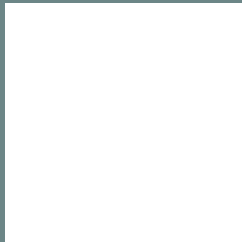
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 9.707, 201.896

Background



This preview shows how black text looks on a background with the CIELCh color 54, 9.707, 201.896.



This preview shows how white text looks on a background with the CIELCh color 54, 9.707, 201.896.

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, 9.707, 201.896

Protanopia

54, 1.916, 314.694

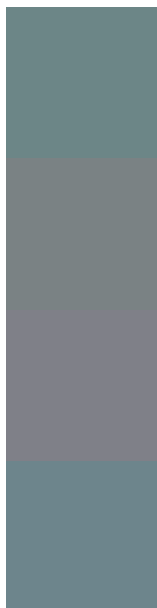
Deuteranopia

54, 8.635, 327.077



Tritanopia
54, 10.028, 233.993

Trichromacy



Original Color
54, 9.707, 201.896

Protanomaly
54, 3.288, 219.795

Deuteranomaly
54, 4.630, 285.974

Tritanomaly
54, 9.593, 223.647

Monochromacy



Original Color
54, 9.707, 201.896

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 3.891, 199.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 9.707, 201.896 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(108, 134, 135)` looks like.

```
.text, #text, p{  
    color:rgb(108, 134, 135)  
}
```

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(108, 134, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 134, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 9.707, 201.896 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(108, 134, 135) }
```

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

```
.border{ border-color:rgb(108, 134, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 134, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 134, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 134, 135);  
box-shadow:4px 4px 4px 4px rgb(108, 134,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 9.707, 201.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 134, 135) }
```

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

```
.background{ background-color: rgb(108,  
134, 135) }
```

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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