

Converting Colors

CIELCh(54, 18.037, 177.689)

Have a look what the booklet for
CIELCh(54, 18.037, 177.689)
contains.

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Color

CIELCh(54, 18.252, 177.187)

Conversions

Conversions Part 1

Format	Color
Hex	5C8A7F
RGB	92, 138, 127
RGB Percent	36%, 54%, 50%
CMY	0.6393, 0.4589, 0.5021
CMYK	0.33, 0.00, 0.08, 0.46
HSL	166°, 20%, 45%
HSV	166°, 33%, 54%
XYZ	17.3245, 21.9746, 23.3978
YIQ	122.9920, -23.8850, -13.1730

Conversions

Conversions Part 2

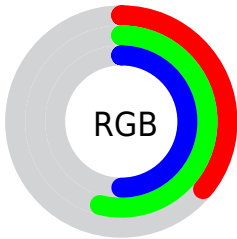
Format	Color
R_{YB}	92, 118, 138
Decimal	6064767
CIE _{Lab}	54.00, -18.23, 0.90
CIE _{LCh}	54, 18.252, 177.187
Yxy	21.9746, 0.2763, 0.3505
Android (android.graphics.Color)	4284254847 (0xFF5C8A7F)
YUV	122.9920, 1.9759, -27.1800
Hunter-Lab	46.8770, -16.0660, 3.2205

Details

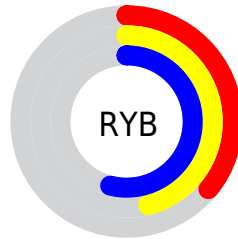
The CIELCh color $54, 18.252, 177.187$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $44, 20.561, 4.009$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 18.324, 177.165$, and $34, 18.320, 176.813$ is the 20% darker color. If you saturate the color by 10%, you get $53, 23.134, 176.088$, and if you desaturate by 10%, it is $55, 13.030, 178.206$.

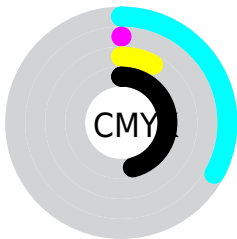
Distribution



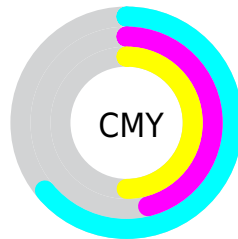
- Red (36%)
- Green (54%)
- Blue (50%)



- Red (36%)
- Yellow (46%)
- Blue (54%)



- Cyan (33%)
- Magenta (0%)
- Yellow (8%)
- Black (46%)





- Cyan (64%)
- Magenta (46%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 18.252, 177.187 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, 18.252, 177.187 by changing the saturation by 10% instead.


 54, 18.252,
177.187


 54, 18.252,
177.187


 100, 18.252,
177.187


 44, 18.252,
177.187


 74, 18.252,
177.187

 34, 18.252,
177.187

 84, 18.252,
177.187

 24, 18.252,
177.187

 94, 18.252,
177.187

 14, 18.252,
177.187

 4, 18.252, 177.187

 0, 18.252, 177.187

■ 54, 18.252,
177.187

■ 54, 18.252,
177.187

■ 53, 23.134,
176.088

■ 55, 13.030,
178.206

■ 53, 27.583,
174.897

■ 56, 7.554, 179.176

■ 57, 1.907, 180.221

■ 52, 31.519,
173.591

■ 58, 3.838, 0.775

■ 52, 34.881,
172.147

■ 60, 9.623, 1.648

■ 51, 37.639,
170.544

■ 61, 15.399, 2.443

■ 63, 21.130, 3.200

■ 51, 39.809,
168.769

■ 64, 26.790, 3.927

■ 51, 41.105,
167.581

■ 66, 32.359, 4.628

Harmonies

Complementary

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



54, 18.252, 177.187



44, 20.561, 4.009

Rectangle

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



54, 18.252, 177.187



54, 18.252, 227.187



54, 18.252, 357.187



54, 18.252, 47.187

Sweetspot

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



54, 18.253, 177.185



71, 7.012, 179.477



54, 29.818, 135.663



37, 4.759, 179.360



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, 18.253, 177.185



68, 26.529, 176.369



51, 13.687, 227.877



29, 3.205, 179.580



49, 39.893, 167.662



1, 1.503, 180.324

Inverse Universe

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



44, 20.561, 4.009



54, 30.765, 5.190



47, 16.955, 44.344



27, 3.306, 1.082



27, 55.116, 24.652



0, 1.503, 0.309

Previews

White Background



This preview shows how the CIELCh color 54, 18.252, 177.187 looks on a white background.

Color Contrast Check

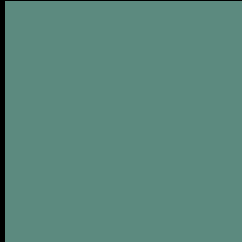
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.252, 177.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

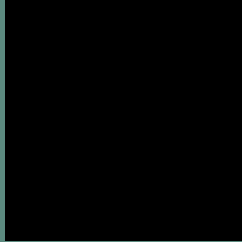
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 18.252, 177.187

Background



This preview shows how black text looks on a background with the CIELCh color 54, 18.252, 177.187.



This preview shows how white text looks on a background with the CIELCh color 54, 18.252, 177.187.

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, 18.252, 177.187

Protanopia
54, 4.497, 82.725

Deuteranopia
54, 6.678, 354.622



Tritanopia
54, 14.772, 223.846

Trichromacy



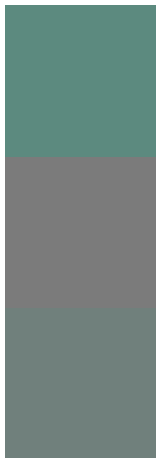
Original Color
54, 18.252, 177.187

Protanomaly
54, 7.640, 155.968

Deuteranomaly
54, 2.811, 187.409

Tritanomaly
54, 14.658, 204.843

Monochromacy



Original Color
54, 18.252, 177.187

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 6.703, 178.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 18.252, 177.187 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(92, 138, 127)` looks like.

```
.text, #text, p{  
    color:rgb(92, 138, 127)  
}
```

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(92, 138, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 138, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 18.252, 177.187 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(92, 138, 127) }
```

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

```
.border{ border-color:rgb(92, 138, 127) }
```

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

Here you see how a box with a 4 pixel rgb(92, 138, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 138, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 138, 127);  
box-shadow:4px 4px 4px 4px rgb(92, 138,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 18.252, 177.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 138, 127) }
```

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

```
.background{ background-color: rgb(92, 138,  
127) }
```

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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