

Converting Colors

CIELCh(54, 19.434, 168.600)

Have a look what the booklet for
CIELCh(54, 19.434, 168.600)
contains.

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Color

CIELCh(54, 19.426, 169.091)

Conversions

Conversions Part 1

Format	Color
Hex	5D8A7A
RGB	93, 138, 122
RGB Percent	36%, 54%, 48%
CMY	0.6346, 0.4581, 0.5209
CMYK	0.33, 0.00, 0.12, 0.46
HSL	159°, 19%, 45%
HSV	159°, 33%, 54%
XYZ	17.1701, 21.9746, 21.8060
YIQ	122.7210, -21.6840, -14.5160

Conversions

Conversions Part 2

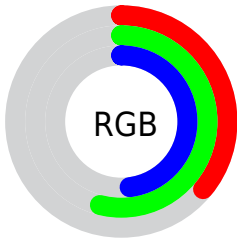
Format	Color
RYB	93, 120, 138
Decimal	6130298
CIELab	54.00, -19.07, 3.68
CIElCh	54, 19.426, 169.091
Yxy	21.9746, 0.2817, 0.3605
Android (android.graphics.Color)	4284320378 (0xFF5D8A7A)
YUV	122.7210, -0.3555, -26.0653
Hunter-Lab	46.8770, -16.6541, 5.2337

Details

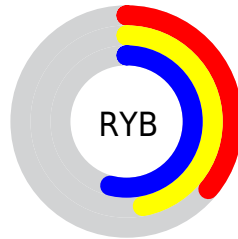
The CIELCh color $54, 19.426, 169.091$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $45, 20.944, 355.641$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 19.666, 168.160$, and $34, 19.754, 168.269$ is the 20% darker color. If you saturate the color by 10%, you get $53, 24.948, 167.921$, and if you desaturate by 10%, it is $55, 13.630, 170.156$.

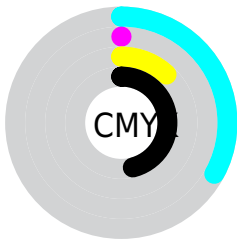
Distribution



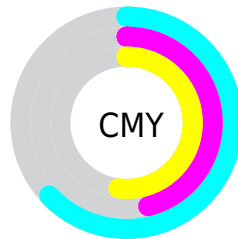
- Red (36%)
- Green (54%)
- Blue (48%)



- Red (36%)
- Yellow (47%)
- Blue (54%)



- Cyan (33%)
- Magenta (0%)
- Yellow (12%)
- Black (46%)





- Cyan (63%)
- Magenta (46%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 19.426, 169.091 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, 19.426, 169.091 by changing the saturation by 10% instead.


 54, 19.426,
169.091


 54, 19.426,
169.091


 100, 19.426,
169.091


 44, 19.426,
169.091


 74, 19.426,
169.091

 34, 19.426,
169.091

 84, 19.426,
169.091

 24, 19.426,
169.091

 94, 19.426,
169.091

 14, 19.426,
169.091

 4, 19.426, 169.091

 0, 19.426, 169.091

■ 54, 19.426,
169.091

■ 54, 19.426,
169.091

■ 53, 24.948,
167.921

■ 55, 13.630,
170.156

■ 52, 30.097,
166.628

■ 56, 7.649, 171.147

■ 57, 1.567, 172.222

■ 52, 34.783,
165.188

■ 59, 4.548, 352.759

■ 51, 38.931,
163.578

■ 60, 10.640,
353.588

■ 51, 42.497,
161.779

■ 61, 16.666,
354.340

■ 51, 45.483,
159.785

■ 63, 22.595,
355.048

■ 51, 47.501,
158.294

■ 65, 28.406,
355.719

■ 66, 34.085,
356.358

Harmonies

Complementary

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



54, 19.426, 169.091



45, 20.944, 355.641

Rectangle

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



54, 19.426, 169.091



54, 19.426, 219.091



54, 19.426, 349.091



54, 19.426, 39.091

Sweetspot

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



54, 19.427, 169.089



71, 7.508, 171.375



54, 28.172, 132.128



37, 5.100, 171.258



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, 19.427, 169.089



68, 28.321, 168.253



53, 14.164, 212.414



29, 3.429, 171.478



49, 46.026, 158.390



1, 1.601, 172.230

Inverse Universe

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



45, 20.944, 355.641



54, 31.056, 356.664



46, 17.753, 32.900



27, 3.503, 352.983



27, 52.499, 14.274



0, 1.601, 352.218

Previews

White Background



This preview shows how the CIELCh color 54, 19.426, 169.091 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, 19.426, 169.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

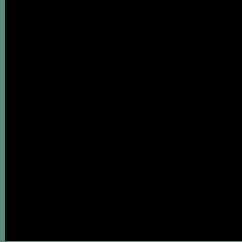
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 19.426, 169.091

Background



This preview shows how black text looks on a background with the CIELCh color 54, 19.426, 169.091.

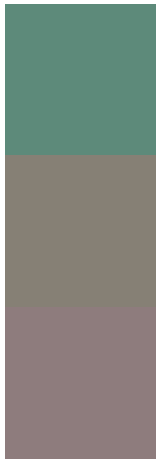


This preview shows how white text looks on a background with the CIELCh color 54, 19.426, 169.091.

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, 19.426, 169.091

Protanopia
54, 6.779, 87.961

Deuteranopia
54, 7.354, 15.699



Tritanopia
54, 14.214, 224.973

Trichromacy



Original Color
54, 19.426, 169.091

Protanomaly
54, 9.162, 143.904

Deuteranomaly
53, 3.520, 144.286

Tritanomaly
54, 14.392, 200.325

Monochromacy



Original Color
54, 19.426, 169.091

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 7.564, 171.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 19.426, 169.091 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(93, 138, 122)` looks like.

```
.text, #text, p{  
    color:rgb(93, 138, 122)  
}
```

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(93, 138, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 138, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 19.426, 169.091 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(93, 138, 122) }
```

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

```
.border{ border-color:rgb(93, 138, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 138, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 138, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 138, 122);  
box-shadow:4px 4px 4px 4px rgb(93, 138,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 19.426, 169.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 138, 122) }
```

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

```
.background{ background-color: rgb(93, 138,  
122) }
```

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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