

Converting Colors

CIELCh(58, 16.113, 144.672)

Have a look what the booklet for
CIELCh(58, 16.113, 144.672)
contains.

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Color

CIELCh(58, 16.199, 144.579)

Conversions

Conversions Part 1

Format	Color
Hex	7A927B
RGB	122, 146, 123
RGB Percent	48%, 57%, 48%
CMY	0.5231, 0.4290, 0.5192
CMYK	0.16, 0.00, 0.16, 0.43
HSL	123°, 10%, 52%
HSV	123°, 16%, 57%
XYZ	21.7365, 25.9610, 22.4748
YIQ	136.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

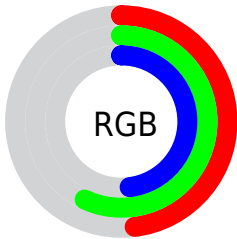
Format	Color
R_{YB}	122, 145, 146
Decimal	8032891
CIE _{Lab}	58.00, -13.20, 9.39
CIE _{LCh}	58, 16.199, 144.579
Yxy	25.9610, 0.3098, 0.3700
Android (android.graphics.Color)	4286222971 (0xFF7A927B)
YUV	136.2020, -6.5086, -12.4552
Hunter-Lab	50.9519, -13.0162, 9.5136

Details

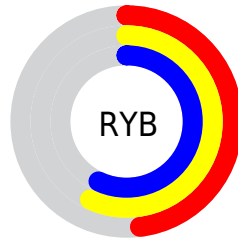
The CIELCh color $58, 16.199, 144.579$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $54, 16.219, 326.458$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 16.353, 143.706$, and $38, 16.016, 144.267$ is the 20% darker color. If you saturate the color by 10%, you get $57, 26.074, 143.822$, and if you desaturate by 10%, it is $59, 6.330, 145.244$.

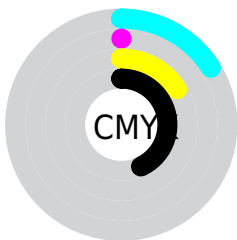
Distribution



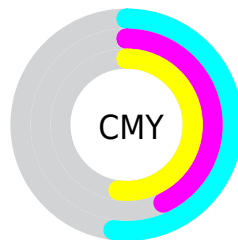
- Red (48%)
- Green (57%)
- Blue (48%)



- Red (48%)
- Yellow (57%)
- Blue (57%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (43%)





- Cyan (52%)
- Magenta (43%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 16.199, 144.579 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 58, 16.199, 144.579 by changing the saturation by 10% instead.


 58, 16.199,
144.579


 58, 16.199,
144.579


 100, 16.199,
144.579


 48, 16.199,
144.579


 78, 16.199,
144.579

 38, 16.199,
144.579

 88, 16.199,
144.579

 28, 16.199,
144.579

 98, 16.199,
144.579

 18, 16.199,
144.579

 8, 16.199, 144.579

 0, 16.199, 144.579

■ 58, 16.199,
144.579

■ 58, 16.199,
144.579

■ 57, 26.074,
143.822

■ 59, 6.330, 145.244

■ 56, 35.797,
142.948

■ 61, 3.423, 325.698

■ 55, 45.173,
141.951

■ 63, 12.980,
326.211

■ 54, 53.959,
140.844

■ 64, 22.289,
326.618

■ 53, 61.868,
139.664

■ 66, 31.317,
326.963

■ 53, 68.574,
138.485

■ 68, 40.051,
327.258


■ 53, 73.743,
137.421


■ 70, 48.487,
327.513

■ 52, 77.141,

■ 73, 56.630,
327.734

136.629

 75, 64.491,
327.926

 52, 78.031,
136.465

Harmonies

Complementary

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



58, 16.199, 144.579



54, 16.219, 326.458

Rectangle

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



58, 16.199, 144.579



58, 16.199, 194.579



58, 16.199, 324.579



58, 16.199, 14.579

Sweetspot

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



58, 16.200, 144.579



76, 6.029, 145.334



60, 13.466, 110.028



39, 4.103, 145.292



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 16.200, 144.579



73, 24.324, 144.294



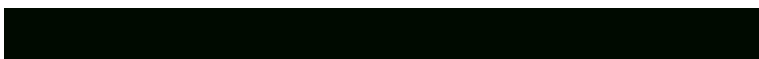
58, 11.291, 164.099



31, 5.604, 145.067



50, 74.872, 136.496



2, 4.881, 145.578

Inverse Universe

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



54, 16.219, 326.458



67, 24.348, 326.675



54, 11.560, 346.888



29, 5.613, 326.052



32, 70.790, 329.921



1, 4.882, 325.573

Previews

White Background



This preview shows how the CIELCh color 58, 16.199, 144.579 looks on a white background.

Color Contrast Check

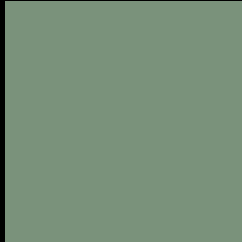
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 16.199, 144.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

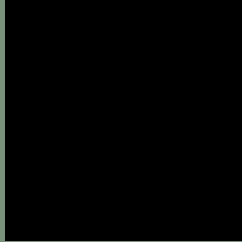
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 16.199, 144.579

Background



This preview shows how black text looks on a background with the CIELCh color 58, 16.199, 144.579.



This preview shows how white text looks on a background with the CIELCh color 58, 16.199, 144.579.

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](#).

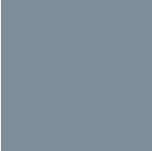
Dichromacy



Original Color
58, 16.199, 144.579

Protanopia
58, 11.676, 94.431

Deuteranopia
58, 11.213, 47.146



Tritanopia
58, 8.432, 253.390

Trichromacy



Original Color
58, 16.199, 144.579

Protanomaly
58, 11.987, 116.629

Deuteranomaly
58, 8.428, 89.344

Tritanomaly
58, 6.847, 194.022

Monochromacy



Original Color
58, 16.199, 144.579

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 5.568, 144.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 16.199, 144.579 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(122, 146, 123)` looks like.

```
.text, #text, p{  
    color:rgb(122, 146, 123)  
}
```

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(122, 146, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 146, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 16.199, 144.579 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(122, 146, 123) }
```

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

```
.border{ border-color:rgb(122, 146, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 146, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 146, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 146, 123);  
box-shadow:4px 4px 4px 4px rgb(122, 146,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 16.199, 144.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 146, 123) }
```

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

```
.background{ background-color: rgb(122,  
146, 123) }
```

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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