

Converting Colors

CIE LCh(59, 14.588, 187.660)

Have a look what the booklet for
CIELCh(59, 14.588, 187.660)
contains.

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Color

CIELCh(59, 14.898, 187.013)

Conversions

Conversions Part 1

Format	Color
Hex	6E9691
RGB	110, 150, 145
RGB Percent	43%, 59%, 57%
CMY	0.5699, 0.4131, 0.4327
CMYK	0.27, 0.00, 0.03, 0.41
HSL	173°, 16%, 51%
HSV	173°, 27%, 59%
XYZ	22.3228, 27.0277, 30.6881
YIQ	137.4700, -22.2350, -10.0350

Conversions

Conversions Part 2

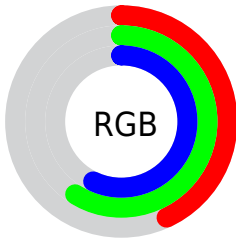
Format	Color
RYB	110, 131, 150
Decimal	7247505
CIELab	59.00, -14.79, -1.82
CIELCh	59, 14.898, 187.013
Yxy	27.0277, 0.2789, 0.3377
Android (android.graphics.Color)	4285437585 (0xFF6E9691)
YUV	137.4700, 3.7123, -24.0912
Hunter-Lab	51.9882, -14.3347, 1.3935

Details

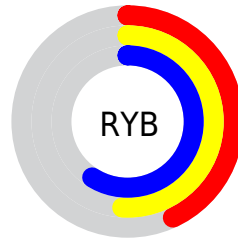
The CIELCh color $59, 14.898, 187.013$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $50, 17.013, 11.769$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 14.629, 187.780$, and $39, 14.649, 187.892$ is the 20% darker color. If you saturate the color by 10%, you get $58, 19.871, 186.155$, and if you desaturate by 10%, it is $60, 9.547, 187.846$.

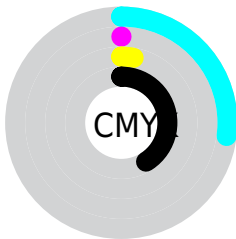
Distribution



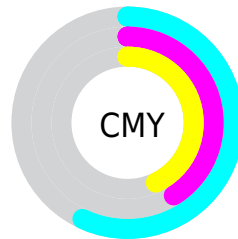
- Red (43%)
- Green (59%)
- Blue (57%)



- Red (43%)
- Yellow (51%)
- Blue (59%)



- Cyan (27%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)





- Cyan (57%)
- Magenta (41%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 14.898, 187.013 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 59, 14.898, 187.013 by changing the saturation by 10% instead.


 59, 14.898,
187.013


 59, 14.898,
187.013


 100, 14.898,
187.013


 49, 14.898,
187.013


 79, 14.898,
187.013

 39, 14.898,
187.013

 89, 14.898,
187.013

 29, 14.898,
187.013

 99, 14.898,
187.013

 19, 14.898,
187.013

 9, 14.898, 187.013

 0, 14.898, 187.013

■ 59, 14.898,
187.013

■ 59, 14.898,
187.013

■ 58, 19.871,
186.155

■ 60, 9.547, 187.846

■ 57, 24.371,
185.268

■ 61, 3.908, 188.710

■ 62, 1.936, 9.161

■ 57, 28.311,
184.335

■ 64, 7.911, 10.095

■ 56, 31.620,
183.342

■ 65, 13.957, 10.870

■ 67, 20.024, 11.616

■ 56, 34.255,
182.268

■ 68, 26.076, 12.344

■ 56, 36.212,
181.097

■ 70, 32.083, 13.053

■ 72, 38.026, 13.745

■ 55, 37.573,
179.823

■ 55, 37.982,

179.410

Harmonies

Complementary

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



59, 14.898, 187.013



50, 17.013, 11.769

Rectangle

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



59, 14.898, 187.013



59, 14.898, 237.013



59, 14.898, 7.013



59, 14.898, 57.013

Sweetspot

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



59, 14.899, 187.009



77, 5.729, 188.577



58, 26.521, 139.311



40, 4.051, 188.453



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



59, 14.899, 187.009



74, 21.659, 186.507



55, 12.134, 243.009



31, 3.240, 188.485



51, 35.708, 179.520



2, 2.881, 189.142

Inverse Universe

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



50, 17.013, 11.769



61, 25.552, 12.575



54, 13.817, 57.489



29, 3.383, 9.830



28, 60.930, 33.228



1, 2.881, 9.126

Previews

White Background



This preview shows how the CIELCh color 59, 14.898, 187.013 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 59, 14.898, 187.013 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 59, 14.898, 187.013

Background



This preview shows how black text looks on a background with the CIELCh color 59, 14.898, 187.013.

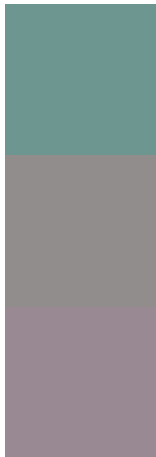


This preview shows how white text looks on a background with the CIELCh color 59, 14.898, 187.013.

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
59, 14.898, 187.013

Protanopia
59, 1.298, 44.980

Deuteranopia
59, 8.452, 338.205



Tritanopia
59, 13.494, 228.939

Trichromacy



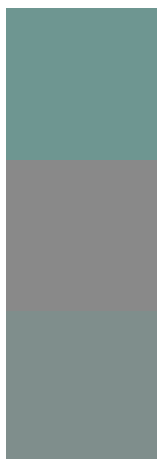
Original Color
59, 14.898, 187.013

Protanomaly
59, 4.754, 185.216

Deuteranomaly
59, 2.940, 249.988

Tritanomaly
59, 13.116, 213.428

Monochromacy



Original Color
59, 14.898, 187.013

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 5.864, 187.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 14.898, 187.013 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(110, 150, 145)` looks like.

```
.text, #text, p{  
    color:rgb(110, 150, 145)  
}
```

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(110, 150, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 150, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 14.898, 187.013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

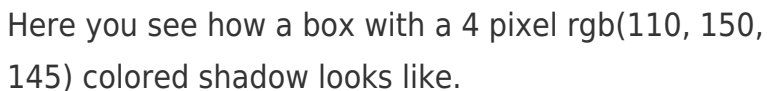
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 150, 145) }
```

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

```
.border{ border-color:rgb(110, 150, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 150, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 150, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 150, 145); box-shadow:4px 4px 4px 4px rgb(110, 150, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 14.898, 187.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 150, 145) }
```

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

```
.background{ background-color: rgb(110,  
150, 145) }
```

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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