

Converting Colors

CIELCh(59, 18.371, 161.657)

Have a look what the booklet for
CIELCh(59, 18.371, 161.657)
contains.

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Color

CIELCh(59, 18.173, 161.432)

Conversions

Conversions Part 1

Format	Color
Hex	709683
RGB	112, 150, 131
RGB Percent	44%, 59%, 51%
CMY	0.5596, 0.4105, 0.4850
CMYK	0.25, 0.00, 0.13, 0.41
HSL	150°, 15%, 51%
HSV	150°, 25%, 59%
XYZ	21.7972, 27.0277, 25.6519
YIQ	136.4720, -16.5490, -13.9650

Conversions

Conversions Part 2

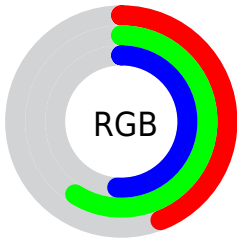
Format	Color
RYB	112, 137, 150
Decimal	7378563
CIELab	59.00, -17.23, 5.79
CIELCh	59, 18.173, 161.432
Yxy	27.0277, 0.2927, 0.3629
Android (android.graphics.Color)	4285568643 (0xFF709683)
YUV	136.4720, -2.6977, -21.4619
Hunter-Lab	51.9882, -16.1394, 7.1371

Details

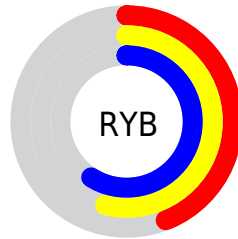
The CIELCh color $59, 18.173, 161.432$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $52, 18.740, 345.861$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 18.112, 161.952$, and $39, 18.006, 161.894$ is the 20% darker color. If you saturate the color by 10%, you get $58, 25.163, 160.361$, and if you desaturate by 10%, it is $60, 11.024, 162.394$.

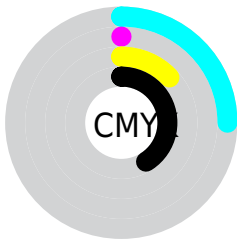
Distribution



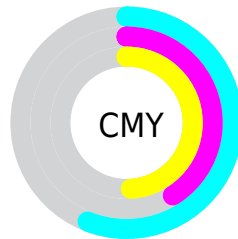
- Red (44%)
- Green (59%)
- Blue (51%)



- Red (44%)
- Yellow (54%)
- Blue (59%)



- Cyan (25%)
- Magenta (0%)
- Yellow (13%)
- Black (41%)




- Cyan (56%)
- Magenta (41%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 18.173, 161.432 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, 18.173, 161.432 by changing the saturation by 10% instead.


 59, 18.173,
161.432


 59, 18.173,
161.432


 100, 18.173,
161.432


 49, 18.173,
161.432


 79, 18.173,
161.432

 39, 18.173,
161.432


 89, 18.173,
161.432

 29, 18.173,
161.432

 99, 18.173,
161.432

 19, 18.173,
161.432

 9, 18.173, 161.432

 0, 18.173, 161.432

■ 59, 18.173,
161.432

■ 59, 18.173,
161.432

■ 58, 25.163,
160.361

■ 60, 11.024,
162.394

■ 57, 31.879,
159.161

■ 61, 3.808, 163.309

■ 56, 38.206,
157.807

■ 63, 3.392, 343.905

■ 56, 44.031,
156.275

■ 64, 10.515,
344.684

■ 55, 49.262,
154.547

■ 66, 17.515,
345.354

■ 55, 53.845,
152.617

■ 68, 24.359,
345.969


■ 55, 57.792,
150.504

■ 70, 31.026,
346.541

■ 54, 59.549,

■ 72, 37.506,
347.077

149.542

 73, 43.793,
347.581

Harmonies

Complementary

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



59, 18.173, 161.432



52, 18.740, 345.861

Rectangle

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



59, 18.173, 161.432



59, 18.173, 211.432



59, 18.173, 341.432



59, 18.173, 31.432

Sweetspot

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



59, 18.174, 161.431



78, 7.170, 163.040



60, 22.549, 127.338



41, 5.137, 162.912



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 18.174, 161.431



75, 26.709, 160.876



60, 13.714, 196.654



31, 4.019, 162.947



50, 55.638, 149.738



2, 3.519, 163.651

Inverse Universe

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



52, 18.740, 345.861



64, 27.709, 346.419



51, 16.093, 20.011



29, 4.068, 344.343



29, 53.710, 0.875



1, 3.520, 343.641

Previews

White Background



This preview shows how the CIELCh color 59, 18.173, 161.432 looks on a white background.

Color Contrast Check

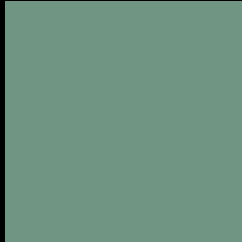
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 18.173, 161.432 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, 18.173, 161.432

Background



This preview shows how black text looks on a background with the CIELCh color 59, 18.173, 161.432.

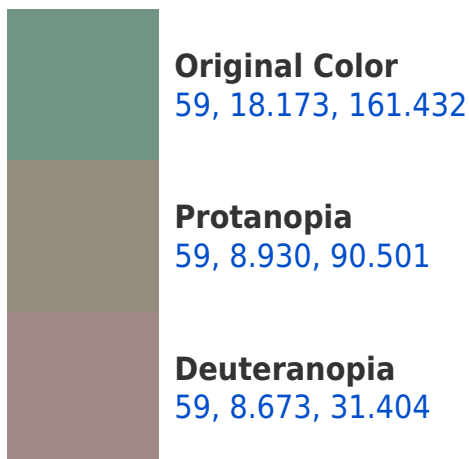


This preview shows how white text looks on a background with the CIELCh color 59, 18.173, 161.432.

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





Tritanopia
59, 11.858, 233.865

Trichromacy



Original Color
59, 18.173, 161.432

Protanomaly
59, 9.751, 130.771

Deuteranomaly
59, 5.101, 114.054

Tritanomaly
59, 11.684, 198.344

Monochromacy



Original Color
59, 18.173, 161.432

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 6.785, 162.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 18.173, 161.432 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(112, 150, 131)` looks like.

```
.text, #text, p{  
    color:rgb(112, 150, 131)  
}
```

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(112, 150, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 150, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 18.173, 161.432 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(112, 150, 131) }
```

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

```
.border{ border-color:rgb(112, 150, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 150, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 150, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 150, 131);  
box-shadow:4px 4px 4px 4px rgb(112, 150,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 18.173, 161.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 150, 131) }
```

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

```
.background{ background-color: rgb(112,  
150, 131) }
```

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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