

Converting Colors

CIELCh(59, 19.169, 171.245)

Have a look what the booklet for
CIELCh(59, 19.169, 171.245)
contains.

CIELCh(59, 19.169, 171.245)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 19.169, 171.245)

Conversions

Conversions Part 1

Format	Color
Hex	699788
RGB	105, 151, 136
RGB Percent	41%, 59%, 53%
CMY	0.5872, 0.4067, 0.4656
CMYK	0.30, 0.00, 0.10, 0.41
HSL	160°, 18%, 50%
HSV	160°, 30%, 59%
XYZ	21.4320, 27.0277, 27.4812
YIQ	135.5360, -22.6010, -14.4170

Conversions

Conversions Part 2

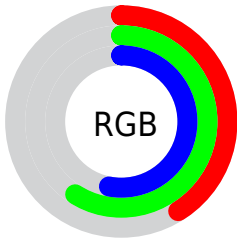
Format	Color
RYB	105, 132, 151
Decimal	6920072
CIELab	59.00, -18.95, 2.92
CIELCh	59, 19.169, 171.245
Yxy	27.0277, 0.2822, 0.3559
Android (android.graphics.Color)	4285110152 (0xFF699788)
YUV	135.5360, 0.2288, -26.7801
Hunter-Lab	51.9882, -17.3931, 5.0508

Details

The CIELCh color $59, 19.169, 171.245$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $50, 20.755, 357.399$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 19.170, 171.457$, and $39, 19.474, 170.799$ is the 20% darker color. If you saturate the color by 10%, you get $58, 25.009, 170.094$, and if you desaturate by 10%, it is $60, 13.036, 172.299$.

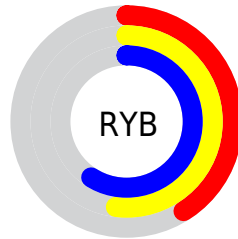
Distribution



Red (41%)

Green (59%)

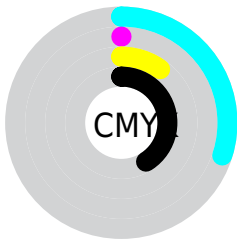
Blue (53%)



Red (41%)

Yellow (52%)

Blue (59%)

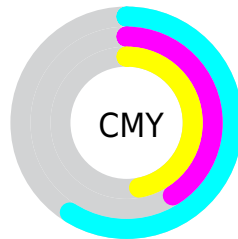


Cyan (30%)

Magenta (0%)

Yellow (10%)

Black (41%)



Cyan (59%)


Magenta (41%)


Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 19.169, 171.245 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, 19.169, 171.245 by changing the saturation by 10% instead.


 59, 19.169,
171.245


 59, 19.169,
171.245


 100, 19.169,
171.245


 49, 19.169,
171.245


 79, 19.169,
171.245

 39, 19.169,
171.245

 89, 19.169,
171.245

 29, 19.169,
171.245

 99, 19.169,
171.245

 19, 19.169,
171.245

 9, 19.169, 171.245

 0, 19.169, 171.245

■ 59, 19.169,
171.245

■ 59, 19.169,
171.245

■ 58, 25.009,
170.094

■ 60, 13.036,
172.299

■ 57, 30.449,
168.830

■ 61, 6.705, 173.292

■ 63, 0.264, 175.578

■ 57, 35.392,
167.426

■ 64, 6.214, 354.913

■ 56, 39.754,
165.860

■ 65, 12.671,
355.738

■ 56, 43.486,
164.111


■ 67, 19.061,
356.500

■ 55, 46.581,
162.166

■ 69, 25.352,
357.221

■ 55, 49.131,
160.215

■ 71, 31.523,
357.907

 72, 37.558,
358.564

Harmonies

Complementary

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



59, 19.169, 171.245



50, 20.755, 357.399

Rectangle

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



59, 19.169, 171.245



59, 19.169, 221.245



59, 19.169, 351.245



59, 19.169, 41.245

Sweetspot

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



59, 19.170, 171.243



78, 7.171, 173.413



59, 28.620, 133.285



41, 5.019, 173.280



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, 19.170, 171.243



74, 27.759, 170.531



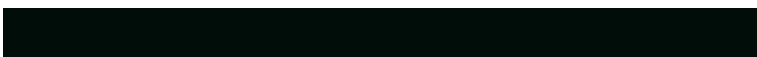
57, 14.035, 216.512



32, 3.675, 173.408



51, 46.367, 160.376



3, 4.026, 173.424

Inverse Universe

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



50, 20.755, 357.399



61, 30.576, 358.286



51, 17.296, 35.934



30, 3.763, 354.957



29, 55.235, 17.329



1, 3.988, 354.536

Previews

White Background



This preview shows how the CIELCh color 59, 19.169, 171.245 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, 19.169, 171.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

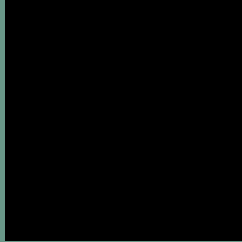
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

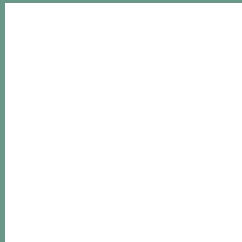
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 19.169, 171.245

Background



This preview shows how black text looks on a background with the CIELCh color 59, 19.169, 171.245.

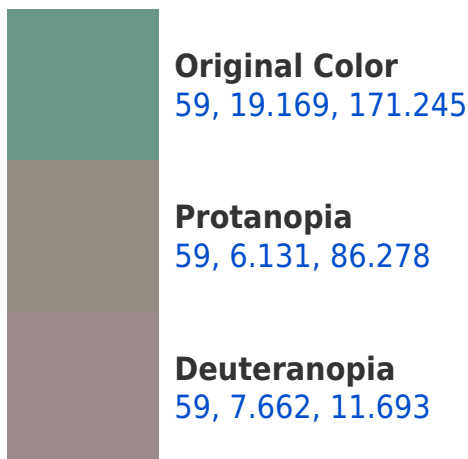



This preview shows how white text looks on a background with the CIELCh color 59, 19.169, 171.245.

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, 14.591, 226.322

Trichromacy



Original Color
59, 19.169, 171.245

Protanomaly
59, 8.539, 146.085

Deuteranomaly
59, 2.764, 144.362

Tritanomaly
59, 14.569, 202.592

Monochromacy



Original Color
59, 19.169, 171.245

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 7.438, 171.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 19.169, 171.245 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(105, 151, 136)` looks like.

```
.text, #text, p{  
    color:rgb(105, 151, 136)  
}
```

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(105, 151, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 151, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 19.169, 171.245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

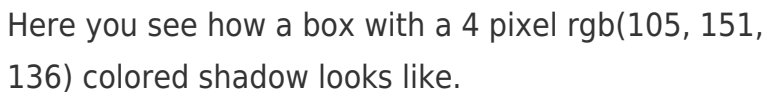
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 151, 136) }
```

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

```
.border{ border-color:rgb(105, 151, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 151, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 151, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 151, 136);  
box-shadow:4px 4px 4px 4px rgb(105, 151,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 19.169, 171.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 151, 136) }
```

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

```
.background{ background-color: rgb(105,  
151, 136) }
```

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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