

Converting Colors

CIE LCh(59, 17.174, 202.598)

Have a look what the booklet for
CIELCh(59, 17.174, 202.598)
contains.

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Color

CIELCh(59, 17.013, 203.675)

Conversions

Conversions Part 1

Format	Color
Hex	659699
RGB	101, 150, 153
RGB Percent	40%, 59%, 60%
CMY	0.6025, 0.4103, 0.3986
CMYK	0.34, 0.02, 0.00, 0.40
HSL	183°, 20%, 50%
HSV	183°, 34%, 60%
XYZ	22.1508, 27.0277, 34.3436
YIQ	135.6910, -30.1670, -9.4550

Conversions

Conversions Part 2

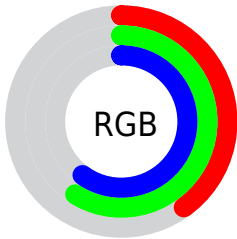
Format	Color
RYB	101, 126, 153
Decimal	6657689
CIELab	59.00, -15.58, -6.83
CIELCh	59, 17.013, 203.675
Yxy	27.0277, 0.2652, 0.3236
Android (android.graphics.Color)	4284847769 (0xFF659699)
YUV	135.6910, 8.5333, -30.4240
Hunter-Lab	51.9882, -14.9254, -2.7754

Details

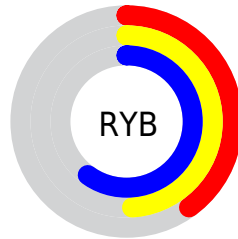
The CIELCh color `59, 17.013, 203.675` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `49, 21.545, 26.614`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `79, 16.912, 203.686`, and `39, 17.057, 203.622` is the 20% darker color. If you saturate the color by 10%, you get `58, 21.061, 203.605`, and if you desaturate by 10%, it is `60, 12.456, 203.842`.

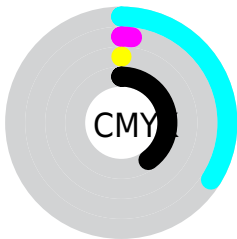
Distribution



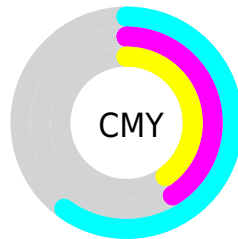
- Red (40%)
- Green (59%)
- Blue (60%)



- Red (40%)
- Yellow (49%)
- Blue (60%)



- Cyan (34%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)



- Cyan (60%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 17.013, 203.675 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, 17.013, 203.675 by changing the saturation by 10% instead.

■ 59, 17.013,
203.675

■ 59, 17.013,
203.675

■ 100, 17.013,
203.675

■ 49, 17.013,
203.675

■ 79, 17.013,
203.675

■ 39, 17.013,
203.675

■ 89, 17.013,
203.675

■ 29, 17.013,
203.675

■ 99, 17.013,
203.675

■ 19, 17.013,
203.675

■ 9, 17.013, 203.675

■ 0, 17.013, 203.675

■ 59, 17.013,
203.675

■ 59, 17.013,
203.675

■ 58, 21.061,
203.605

■ 60, 12.456,
203.842

■ 57, 24.517,
203.660

■ 61, 7.474, 204.110

■ 63, 2.155, 204.571

■ 56, 27.316,
203.852

■ 64, 3.426, 24.589

■ 56, 29.417,
204.201

■ 66, 9.198, 25.076

■ 55, 30.813,
204.724

■ 68, 15.104, 25.530

■ 69, 21.096, 25.993

■ 55, 31.546,
205.433

■ 71, 27.135, 26.466

■ 54, 31.826,
205.913

■ 73, 33.191, 26.944

Harmonies

Complementary

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



59, 17.013, 203.675



49, 21.545, 26.614

Rectangle

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



59, 17.013, 203.675



59, 17.013, 253.675



59, 17.013, 23.675



59, 17.013, 73.675

Sweetspot

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



59, 17.013, 203.671



78, 6.708, 204.239



59, 34.573, 143.395



41, 4.549, 204.192



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, 17.013, 203.671



74, 24.554, 203.610



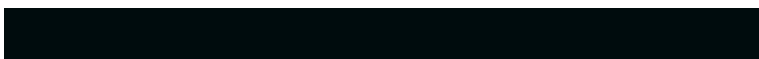
52, 18.169, 266.064



32, 3.069, 204.278



50, 29.830, 205.833



3, 3.375, 205.167

Inverse Universe

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



50, 34.383, 327.885



61, 50.991, 328.306



56, 19.370, 76.334



30, 5.711, 326.508



32, 70.865, 330.610



1, 6.110, 326.223

Previews

White Background



This preview shows how the CIELCh color 59, 17.013, 203.675 looks on a white background.

Color Contrast Check

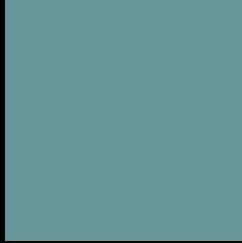
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.013, 203.675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

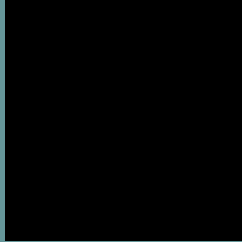
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 17.013, 203.675

Background



This preview shows how black text looks on a background with the CIELCh color 59, 17.013, 203.675.

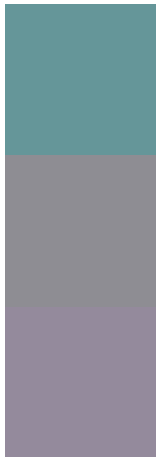


This preview shows how white text looks on a background with the CIELCh color 59, 17.013, 203.675.

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, 17.013, 203.675

Protanopia

59, 3.434, 296.994

Deuteranopia

59, 10.944, 311.461



Tritanopia
59, 16.774, 222.239

Trichromacy



Original Color
59, 17.013, 203.675

Protanomaly
59, 6.865, 223.402

Deuteranomaly
59, 8.324, 261.936

Tritanomaly
59, 16.667, 216.017

Monochromacy



Original Color
59, 17.013, 203.675

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 6.795, 203.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 17.013, 203.675 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(101, 150, 153)` looks like.

```
.text, #text, p{  
    color:rgb(101, 150, 153)  
}
```

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(101, 150, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 150, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 17.013, 203.675 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(101, 150, 153) }
```

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

```
.border{ border-color:rgb(101, 150, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 150, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 150, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 150, 153);  
box-shadow:4px 4px 4px 4px rgb(101, 150,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 17.013, 203.675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 150, 153) }
```

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

```
.background{ background-color: rgb(101,  
150, 153) }
```

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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