

Converting Colors

CIELCh(59, 29.673, 201.274)

Have a look what the booklet for
CIELCh(59, 29.673, 201.274)
contains.

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Color

CIELCh(59, 29.720, 201.270)

Conversions

Conversions Part 1

Format	Color
Hex	349CA0
RGB	52, 156, 160
RGB Percent	20%, 61%, 63%
CMY	0.7963, 0.3884, 0.3727
CMYK	0.68, 0.03, 0.00, 0.37
HSL	182°, 51%, 42%
HSV	182°, 68%, 63%
XYZ	19.6361, 27.0277, 37.4203
YIQ	125.3600, -63.2680, -20.8040

Conversions

Conversions Part 2

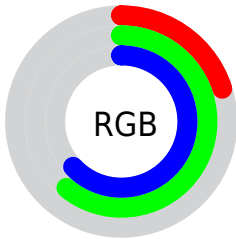
Format	Color
R_{YB}	52, 105, 160
Decimal	3447968
CIE _{Lab}	59.00, -27.70, -10.78
CIE _{LCh}	59, 29.720, 201.270
Yxy	27.0277, 0.2335, 0.3214
Android (android.graphics.Color)	4281638048 (0xFF349CA0)
YUV	125.3600, 17.0775, -64.3367
Hunter-Lab	51.9882, -23.5594, -6.2842

Details

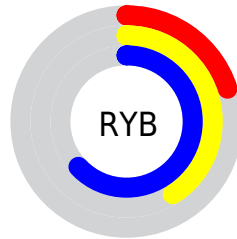
The CIELCh color **59, 29.720, 201.270** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **39, 50.018, 31.061**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 29.792, 201.491**, and **40, 25.266, 203.574** is the 20% darker color. If you saturate the color by 10%, you get **58, 31.674, 201.458**, and if you desaturate by 10%, it is **60, 27.027, 201.204**.

Distribution



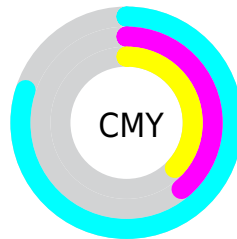
- Red (20%)
- Green (61%)
- Blue (63%)



- Red (20%)
- Yellow (41%)
- Blue (63%)



- Cyan (68%)
- Magenta (3%)
- Yellow (0%)
- Black (37%)





- Cyan (80%)
- Magenta (39%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 29.720, 201.270 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, 29.720, 201.270 by changing the saturation by 10% instead.


 59, 29.720,
201.270


 59, 29.720,
201.270


 100, 29.720,
201.270


 49, 29.720,
201.270


 79, 29.720,
201.270

 39, 29.720,
201.270

 89, 29.720,
201.270

 29, 29.720,
201.270

 99, 29.720,
201.270

 19, 29.720,
201.270

 9, 29.720, 201.270

 0, 29.720, 201.270

■ 59, 29.720,
201.270

■ 59, 29.720,
201.270

■ 58, 31.674,
201.458

■ 60, 27.027,
201.204

■ 58, 32.902,
201.780

■ 60, 23.624,
201.254

■ 58, 33.513,
202.226

■ 61, 19.569,
201.405

■ 58, 33.636,
202.341

■ 62, 14.943,
201.648

■ 64, 9.836, 201.974

■ 65, 4.339, 202.405

■ 66, 1.462, 22.395

■ 68, 7.488, 23.112

■ 69, 13.672, 23.628

Harmonies

Complementary

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



59, 29.720, 201.270



39, 50.018, 31.061

Rectangle

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



59, 29.720, 201.270



59, 29.720, 251.270



59, 29.720, 21.270



59, 29.720, 71.270

Sweetspot

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



59, 29.720, 201.269



81, 13.840, 201.872



58, 67.846, 139.277



42, 9.342, 201.784



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 29.720, 201.269



75, 39.511, 201.603



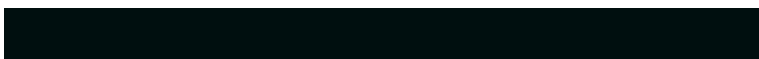
43, 36.257, 273.664



33, 3.217, 202.318



52, 30.969, 202.281



3, 4.274, 203.413

Inverse Universe

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



42, 66.440, 328.844



51, 91.240, 329.338



50, 41.846, 70.137



31, 5.953, 325.925



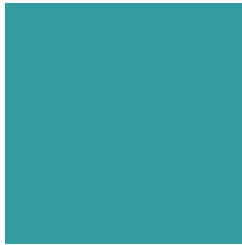
33, 72.944, 329.728



1, 7.700, 325.685

Previews

White Background



This preview shows how the CIE LCh color 59, 29.720, 201.270 looks on a white background.

Color Contrast Check

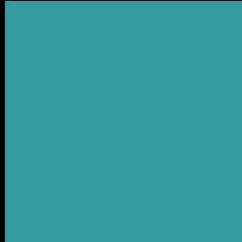
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.720, 201.270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

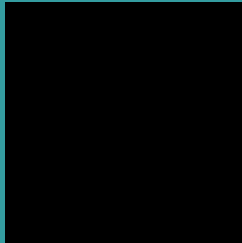
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 29.720, 201.270

Background



This preview shows how black text looks on a background with the CIELCh color 59, 29.720, 201.270.

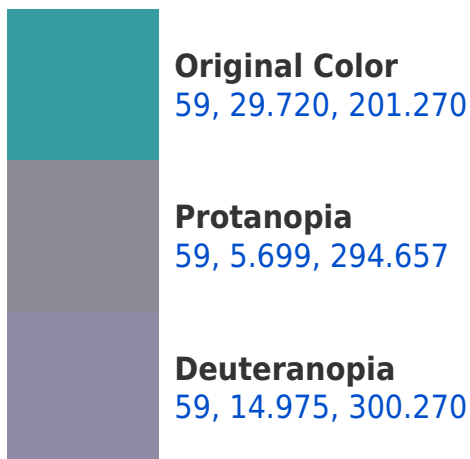


This preview shows how white text looks on a background with the CIELCh color 59, 29.720, 201.270.

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, 28.530, 211.021

Trichromacy



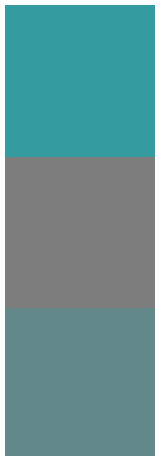
Original Color
59, 29.720, 201.270

Protanomaly
58, 13.653, 217.875

Deuteranomaly
58, 15.217, 241.096

Tritanomaly
59, 28.733, 207.341

Monochromacy



Original Color
59, 29.720, 201.270

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 13.716, 202.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 29.720, 201.270 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(52, 156, 160)` looks like.

```
.text, #text, p{  
    color:rgb(52, 156, 160)  
}
```

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(52, 156, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 156, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 29.720, 201.270 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(52, 156, 160) }
```

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

```
.border{ border-color:rgb(52, 156, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 156, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 156, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 156, 160);  
box-shadow:4px 4px 4px 4px rgb(52, 156,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 29.720, 201.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 156, 160) }
```

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

```
.background{ background-color: rgb(52, 156,  
160) }
```

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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