

Converting Colors

CIE LCh(60, 25.202, 179.087)

Have a look what the booklet for
CIELCh(60, 25.202, 179.087)
contains.

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Color

CIELCh(60, 25.319, 178.838)

Conversions

Conversions Part 1

Format	Color
Hex	589D8F
RGB	88, 157, 143
RGB Percent	35%, 62%, 56%
CMY	0.6553, 0.3848, 0.4397
CMYK	0.44, 0.00, 0.09, 0.38
HSL	168°, 28%, 48%
HSV	168°, 44%, 62%
XYZ	21.0002, 28.1233, 30.2630
YIQ	134.7730, -36.6300, -18.9820

Conversions

Conversions Part 2

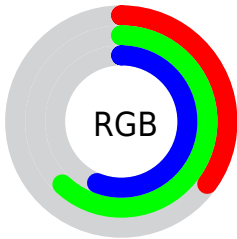
Format	Color
RYB	88, 126, 157
Decimal	5807503
CIELab	60.00, -25.31, 0.51
CIELCh	60, 25.319, 178.838
Yxy	28.1233, 0.2645, 0.3543
Android (android.graphics.Color)	4283997583 (0xFF589D8F)
YUV	134.7730, 4.0559, -41.0199
Hunter-Lab	53.0314, -22.1198, 3.2875

Details

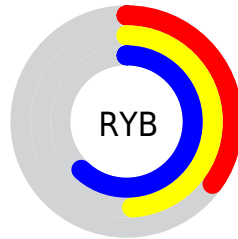
The CIELCh color **60, 25.319, 178.838** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **46, 30.412, 8.552**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 25.200, 179.023**, and **40, 25.214, 179.426** is the 20% darker color. If you saturate the color by 10%, you get **59, 29.985, 177.690**, and if you desaturate by 10%, it is **61, 20.138, 179.899**.

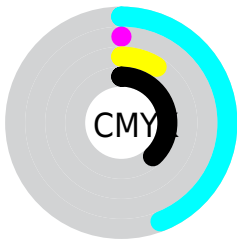
Distribution



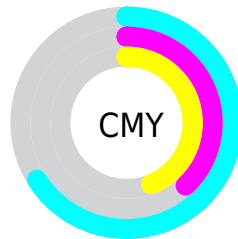
- Red (35%)
- Green (62%)
- Blue (56%)



- Red (35%)
- Yellow (49%)
- Blue (62%)



- Cyan (44%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)





- Cyan (66%)
- Magenta (38%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 25.319, 178.838 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 60, 25.319, 178.838 by changing the saturation by 10% instead.


 60, 25.319,
178.838


 60, 25.319,
178.838


 100, 25.319,
178.838


 50, 25.319,
178.838


 80, 25.319,
178.838


 40, 25.319,
178.838

 90, 25.319,
178.838

 30, 25.319,
178.838

 20, 25.319,
178.838

 10, 25.319,
178.838

 0, 25.319, 178.838

 60, 25.319,

 60, 25.319,

178.838

178.838

■ 59, 29.985,
177.690

■ 61, 20.138,
179.899

■ 59, 34.046,
176.438

■ 62, 14.538,
180.896

■ 58, 37.443,
175.059

■ 63, 8.622, 181.849

■ 58, 40.150,
173.532

■ 64, 2.483, 182.858

■ 66, 3.795, 3.423

■ 58, 42.198,
171.842

■ 67, 10.143, 4.310

■ 58, 43.269,
170.807

■ 69, 16.504, 5.113

■ 70, 22.835, 5.882

■ 72, 29.102, 6.622

Harmonies

Complementary

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



60, 25.319, 178.838



46, 30.412, 8.552

Rectangle

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



60, 25.319, 178.838



60, 25.319, 228.838



60, 25.319, 358.838



60, 25.319, 48.838

Sweetspot

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



60, 25.320, 178.836



80, 9.940, 181.917



60, 43.860, 135.925



42, 6.919, 181.722



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 25.320, 178.836



75, 36.456, 177.684



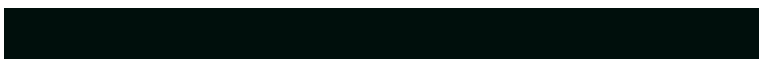
55, 19.261, 234.192



33, 3.531, 182.298



53, 40.309, 170.970



3, 4.747, 180.594

Inverse Universe

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



46, 30.412, 8.552



55, 45.785, 10.653



50, 25.595, 47.571



31, 3.659, 3.807



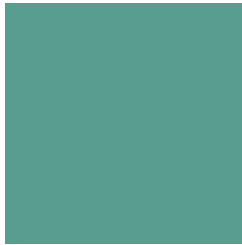
29, 59.610, 27.986



1, 4.661, 3.826

Previews

White Background



This preview shows how the CIELCh color 60, 25.319, 178.838 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 60, 25.319, 178.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

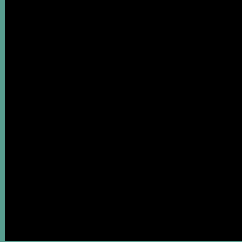
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 25.319, 178.838

Background



This preview shows how black text looks on a background with the CIELCh color 60, 25.319, 178.838.

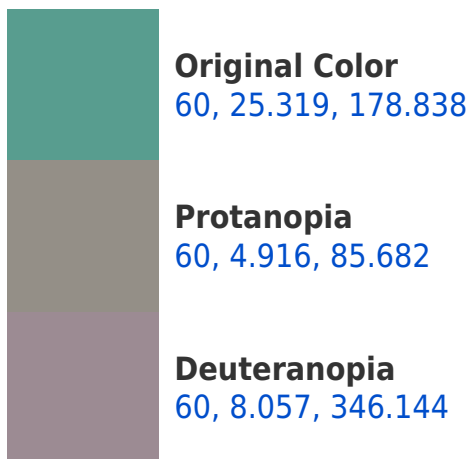


This preview shows how white text looks on a background with the CIELCh color 60, 25.319, 178.838.

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
60, 20.419, 217.359

Trichromacy



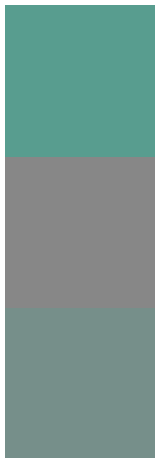
Original Color
60, 25.319, 178.838

Protanomaly
59, 10.237, 164.927

Deuteranomaly
59, 5.671, 198.939

Tritanomaly
60, 20.980, 202.250

Monochromacy



Original Color
60, 25.319, 178.838

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 9.930, 181.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 25.319, 178.838 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(88, 157, 143)` looks like.

```
.text, #text, p{  
    color:rgb(88, 157, 143)  
}
```

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(88, 157, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 157, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 25.319, 178.838 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(88, 157, 143) }
```

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

```
.border{ border-color:rgb(88, 157, 143) }
```

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

Here you see how a box with a 4 pixel rgb(88, 157, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 157, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 157, 143);  
box-shadow:4px 4px 4px 4px rgb(88, 157,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 25.319, 178.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 157, 143) }
```

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

```
.background{ background-color: rgb(88, 157,  
143) }
```

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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