

Converting Colors

CIELCh(60, 38.636, 174.068)

Have a look what the booklet for
CIELCh(60, 38.636, 174.068)
contains.

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Color

CIELCh(60, 38.815, 173.733)

Conversions

Conversions Part 1

Format	Color
Hex	2BA288
RGB	43, 162, 136
RGB Percent	17%, 64%, 53%
CMY	0.8315, 0.3648, 0.4667
CMYK	0.73, 0.00, 0.16, 0.36
HSL	167°, 58%, 40%
HSV	167°, 73%, 64%
XYZ	18.3542, 28.1233, 27.7460
YIQ	123.4550, -62.5780, -33.3140

Conversions

Conversions Part 2

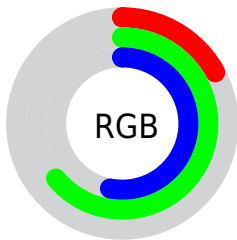
Format	Color
R_{YB}	43, 110, 162
Decimal	2859656
CIE Lab	60.00, -38.58, 4.24
CIE LCh	60, 38.815, 173.733
Yxy	28.1233, 0.2473, 0.3789
Android (android.graphics.Color)	4281049736 (0xFF2BA288)
YUV	123.4550, 6.1847, -70.5590
Hunter-Lab	53.0314, -31.0260, 6.1015

Details

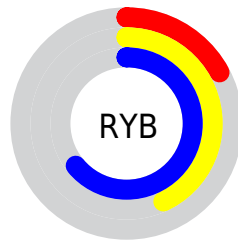
The CIELCh color **60, 38.815, 173.733** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **38, 51.811, 15.224**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 39.006, 173.267**, and **41, 33.296, 170.729** is the 20% darker color. If you saturate the color by 10%, you get **60, 41.727, 172.150**, and if you desaturate by 10%, it is **60, 35.200, 175.157**.

Distribution



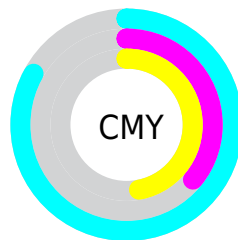
- Red (17%)
- Green (64%)
- Blue (53%)



- Red (17%)
- Yellow (43%)
- Blue (64%)



- Cyan (73%)
- Magenta (0%)
- Yellow (16%)
- Black (36%)





- Cyan (83%)
- Magenta (36%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 38.815, 173.733 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, 38.815, 173.733 by changing the saturation by 10% instead.


 60, 38.815,
173.733


 60, 38.815,
173.733


 100, 38.815,
173.733


 50, 38.815,
173.733


 80, 38.815,
173.733


 40, 38.815,
173.733

 90, 38.815,
173.733


 30, 38.815,
173.733

 20, 38.815,
173.733

 10, 38.815,
173.733

 0, 38.815, 173.733

 60, 38.815,

 60, 38.815,

173.733

173.733

■ 60, 41.727,
172.150

■ 60, 35.200,
175.157

■ 59, 43.960,
170.398

■ 61, 30.907,
176.447

■ 59, 45.211,
169.223

■ 62, 26.004,
177.626

■ 63, 20.582,
178.714

■ 64, 14.746,
179.731

■ 65, 8.598, 180.700

■ 66, 2.237, 181.741

■ 68, 4.254, 2.303

■ 69, 10.803, 3.186

Harmonies

Complementary

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



60, 38.815, 173.733



38, 51.811, 15.224

Rectangle

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



60, 38.815, 173.733



60, 38.815, 223.733



60, 38.815, 353.733



60, 38.815, 43.733

Sweetspot

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



60, 38.815, 173.732



81, 17.219, 179.834



59, 70.432, 133.882



43, 11.606, 179.581



93, 0.011, 296.813



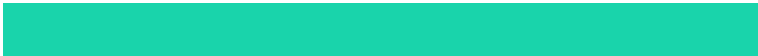
45, 0.006, 296.813

Same Dimension

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



60, 38.815, 173.732



76, 52.691, 171.083



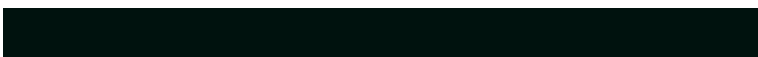
51, 28.523, 238.605



34, 3.652, 181.105



54, 41.656, 169.414



4, 5.893, 178.161

Inverse Universe

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



38, 51.811, 15.224



46, 73.757, 22.239



43, 49.051, 46.237



32, 3.779, 2.639



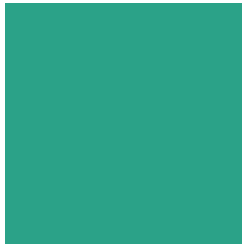
30, 59.855, 26.861



1, 5.706, 3.406

Previews

White Background



This preview shows how the CIELCh color 60, 38.815, 173.733 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, 38.815, 173.733 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, 38.815, 173.733

Background



This preview shows how black text looks on a background with the CIELCh color 60, 38.815, 173.733.

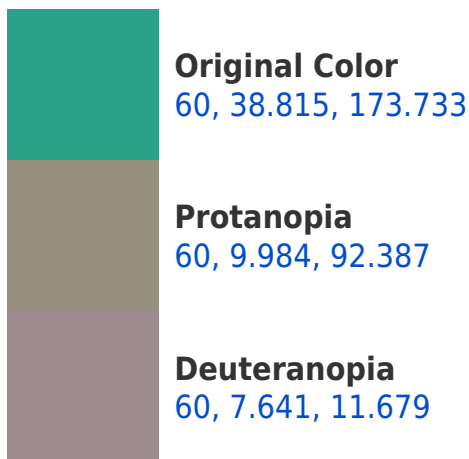


This preview shows how white text looks on a background with the CIELCh color 60, 38.815, 173.733.

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, 28.129, 212.462

Trichromacy



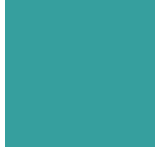
Original Color
60, 38.815, 173.733



Protanomaly
59, 18.829, 160.700



Deuteranomaly
58, 12.583, 177.017



Tritanomaly
60, 30.592, 195.687

Monochromacy



Original Color
60, 38.815, 173.733



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 16.838, 179.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 38.815, 173.733 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(43, 162, 136)` looks like.

```
.text, #text, p{  
    color:rgb(43, 162, 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(43, 162, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 162, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 38.815, 173.733 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(43, 162, 136) }
```

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

```
.border{ border-color:rgb(43, 162, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 162, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 162, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 162, 136);  
box-shadow:4px 4px 4px 4px rgb(43, 162,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 38.815, 173.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 162, 136) }
```

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

```
.background{ background-color: rgb(43, 162,  
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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