

Converting Colors

CIELCh(60, 36.299, 179.893)

Have a look what the booklet for
CIELCh(60, 36.299, 179.893)
contains.

CIELCh(60, 36.252, 179.843)	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(60, 36.252, 179.843)

Conversions

Conversions Part 1

Format	Color
Hex	2BA18F
RGB	43, 161, 143
RGB Percent	17%, 63%, 56%
CMY	0.8295, 0.3673, 0.4379
CMYK	0.73, 0.00, 0.11, 0.37
HSL	171°, 58%, 40%
HSV	171°, 73%, 63%
XYZ	18.8020, 28.1233, 30.5519
YIQ	123.6660, -64.5500, -30.6140

Conversions

Conversions Part 2

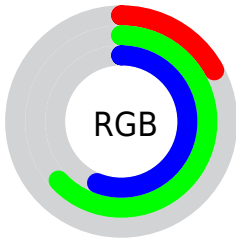
Format	Color
RYB	43, 107, 161
Decimal	2859407
CIELab	60.00, -36.25, 0.10
CIElCh	60, 36.252, 179.843
Yxy	28.1233, 0.2427, 0.3630
Android (android.graphics.Color)	4281049487 (0xFF2BA18F)
YUV	123.6660, 9.5317, -70.7441
Hunter-Lab	53.0314, -29.5189, 2.9644

Details

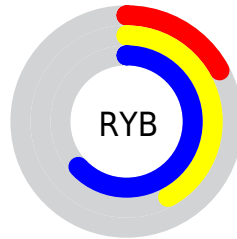
The CIELCh color **60, 36.252, 179.843** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **37, 52.285, 20.203**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 35.928, 180.389**, and **41, 30.845, 177.388** is the 20% darker color. If you saturate the color by 10%, you get **60, 38.736, 178.543**, and if you desaturate by 10%, it is **60, 33.047, 181.025**.

Distribution



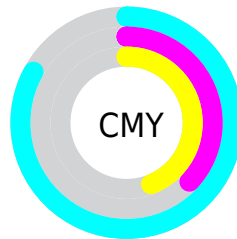
- Red (17%)
- Green (63%)
- Blue (56%)



- Red (17%)
- Yellow (42%)
- Blue (63%)



- Cyan (73%)
- Magenta (0%)
- Yellow (11%)
- Black (37%)





- Cyan (83%)
- Magenta (37%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 36.252, 179.843 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, 36.252, 179.843 by changing the saturation by 10% instead.


 60, 36.252,
179.843


 60, 36.252,
179.843


 100, 36.252,
179.843


 50, 36.252,
179.843


 80, 36.252,
179.843

 40, 36.252,
179.843

 90, 36.252,
179.843


 30, 36.252,
179.843

 20, 36.252,
179.843

 10, 36.252,
179.843

 0, 36.252, 179.843

 60, 36.252,

 60, 36.252,

179.843

179.843

■ 60, 38.736,
178.543

■ 60, 33.047,
181.025

■ 59, 40.528,
177.109

■ 61, 29.143,
182.113

■ 59, 41.529,
176.077

■ 62, 24.601,
183.125

■ 63, 19.506,
184.079

■ 64, 13.960,
184.991

■ 65, 8.062, 185.880

■ 66, 1.909, 186.894

■ 67, 4.413, 7.370

■ 69, 10.832, 8.219

Harmonies

Complementary

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



60, 36.252, 179.843



37, 52.285, 20.203

Rectangle

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



60, 36.252, 179.843



60, 36.252, 229.843



60, 36.252, 359.843



60, 36.252, 49.843

Sweetspot

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



60, 36.252, 179.842



81, 16.482, 185.048



59, 71.102, 135.278



42, 10.988, 184.823



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



60, 36.252, 179.842



76, 48.489, 177.614



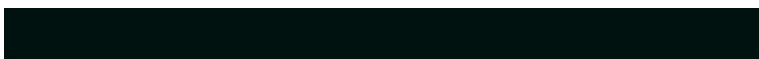
48, 29.792, 249.616



34, 3.550, 186.221



54, 38.410, 176.228



4, 5.695, 183.778

Inverse Universe

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



37, 52.285, 20.203



45, 75.562, 27.330



44, 47.164, 51.460



32, 3.698, 7.656



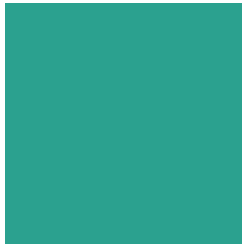
30, 62.409, 31.701



1, 5.588, 8.050

Previews

White Background



This preview shows how the CIE LCh color 60, 36.252, 179.843 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, 36.252, 179.843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

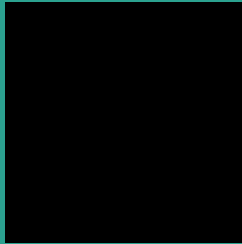
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 36.252, 179.843

Background



This preview shows how black text looks on a background with the CIELCh color 60, 36.252, 179.843.

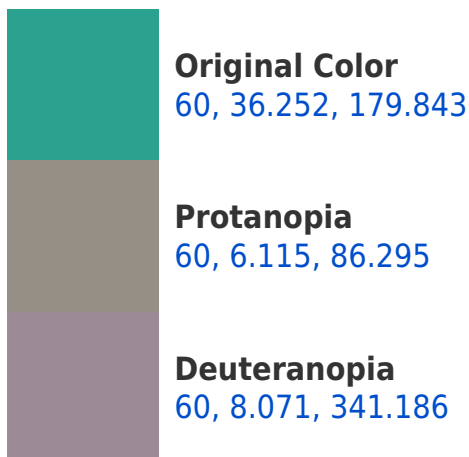


This preview shows how white text looks on a background with the CIELCh color 60, 36.252, 179.843.

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, 28.460, 212.255

Trichromacy



Original Color
60, 36.252, 179.843



Protanomaly
59, 16.461, 171.243



Deuteranomaly
59, 12.100, 195.588



Tritanomaly
60, 30.490, 197.856

Monochromacy



Original Color
60, 36.252, 179.843



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 16.380, 183.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 36.252, 179.843 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, 161, 143)` looks like.

```
.text, #text, p{  
    color:rgb(43, 161, 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(43, 161, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 161, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 36.252, 179.843 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, 161, 143) }
```

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

```
.border{ border-color:rgb(43, 161, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 161, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 161, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 161, 143);  
box-shadow:4px 4px 4px 4px rgb(43, 161,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 36.252, 179.843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 161, 143) }
```

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

```
.background{ background-color: rgb(43, 161,  
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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