

Converting Colors

CIELCh(60, 34.302, 190.696)

Have a look what the booklet for
CIELCh(60, 34.302, 190.696)
contains.

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Color

CIELCh(60, 34.377, 190.723)

Conversions

Conversions Part 1

Format	Color
Hex	23A19B
RGB	35, 161, 155
RGB Percent	14%, 63%, 61%
CMY	0.8642, 0.3695, 0.3930
CMYK	0.78, 0.00, 0.04, 0.37
HSL	177°, 65%, 38%
HSV	177°, 78%, 63%
XYZ	19.2853, 28.1233, 35.3282
YIQ	122.6420, -73.1700, -28.5780

Conversions

Conversions Part 2

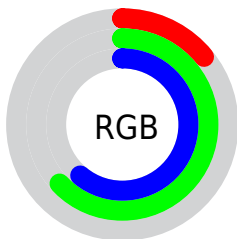
Format	Color
R_{YB}	35, 100, 161
Decimal	2335131
CIE _{Lab}	60.00, -33.78, -6.40
CIE _{LCh}	60, 34.377, 190.723
Yxy	28.1233, 0.2331, 0.3399
Android (android.graphics.Color)	4280525211 (0xFF23A19B)
YUV	122.6420, 15.9525, -76.8620
Hunter-Lab	53.0314, -27.8922, -2.3755

Details

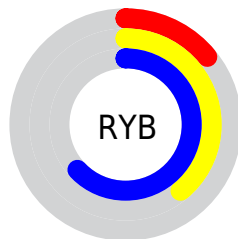
The CIELCh color **60, 34.377, 190.723** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **36, 58.582, 29.855**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 34.390, 190.714**, and **41, 27.777, 189.898** is the 20% darker color. If you saturate the color by 10%, you get **60, 35.873, 190.130**, and if you desaturate by 10%, it is **60, 32.152, 191.299**.

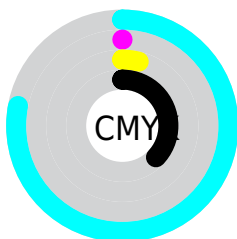
Distribution



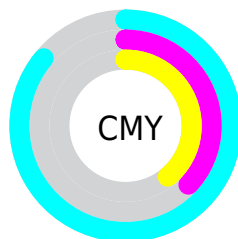
- Red (14%)
- Green (63%)
- Blue (61%)



- Red (14%)
- Yellow (39%)
- Blue (63%)



- Cyan (78%)
- Magenta (0%)
- Yellow (4%)
- Black (37%)





- Cyan (86%)
- Magenta (37%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 34.377, 190.723 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, 34.377, 190.723 by changing the saturation by 10% instead.


 60, 34.377,
190.723


 60, 34.377,
190.723


 100, 34.377,
190.723


 50, 34.377,
190.723


 80, 34.377,
190.723

 40, 34.377,
190.723

 90, 34.377,
190.723


 30, 34.377,
190.723

 20, 34.377,
190.723

 10, 34.377,
190.723

 0, 34.377, 190.723

 60, 34.377,

 60, 34.377,

190.723

190.723

■ 60, 35.873,
190.130

■ 60, 32.152,
191.299

■ 60, 36.778,
189.519

■ 61, 29.184,
191.874

■ 60, 36.904,
189.426

■ 61, 25.501,
192.457

■ 62, 21.163,
193.053

■ 63, 16.254,
193.667

■ 64, 10.869,
194.306

■ 65, 5.105, 194.994

■ 66, 0.946, 15.066

Harmonies

Complementary

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



60, 34.377, 190.723



36, 58.582, 29.855

Rectangle

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



60, 34.377, 190.723



60, 34.377, 240.723



60, 34.377, 10.723



60, 34.377, 60.723

Sweetspot

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



60, 34.377, 190.722



80, 17.195, 193.920



58, 76.269, 136.808



42, 11.663, 193.709



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, 34.377, 190.722



76, 44.424, 189.682



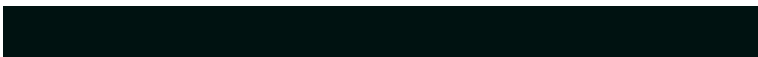
42, 36.766, 268.505



34, 3.447, 194.934



54, 34.261, 189.483



4, 5.493, 194.218

Inverse Universe

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



36, 58.582, 29.855



44, 84.758, 36.602



46, 49.338, 60.935



32, 3.632, 16.053



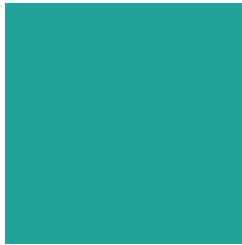
30, 66.418, 37.347



1, 5.479, 15.825

Previews

White Background



This preview shows how the CIELCh color 60, 34.377, 190.723 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, 34.377, 190.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

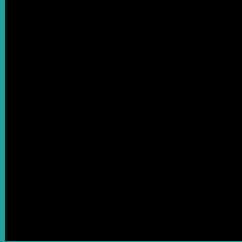
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 34.377, 190.723

Background



This preview shows how black text looks on a background with the CIELCh color 60, 34.377, 190.723.

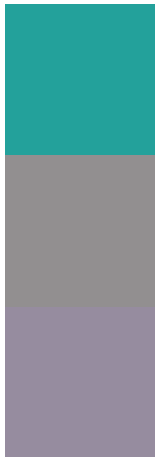


This preview shows how white text looks on a background with the CIELCh color 60, 34.377, 190.723.

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
60, 34.377, 190.723

Protanopia
60, 1.307, 353.591

Deuteranopia
60, 11.447, 310.490



Tritanopia
60, 30.407, 211.110

Trichromacy



Original Color
60, 34.377, 190.723



Protanomaly
59, 15.691, 195.879



Deuteranomaly
59, 14.657, 218.757



Tritanomaly
60, 31.523, 203.003

Monochromacy



Original Color
60, 34.377, 190.723



Achromatopsia
51, 0.007, 296.813



Achromatomaly
53, 16.535, 193.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 34.377, 190.723 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(35, 161, 155)` looks like.

```
.text, #text, p{  
    color:rgb(35, 161, 155)  
}
```

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(35, 161, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 161, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 34.377, 190.723 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(35, 161, 155) }
```

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

```
.border{ border-color:rgb(35, 161, 155) }
```

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

Here you see how a box with a 4 pixel rgb(35, 161, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 161, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 161, 155);  
box-shadow:4px 4px 4px 4px rgb(35, 161,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 34.377, 190.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 161, 155) }
```

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

```
.background{ background-color: rgb(35, 161,  
155) }
```

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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