

Converting Colors

CIELCh(60, 17.200, 188.823)

Have a look what the booklet for
CIELCh(60, 17.200, 188.823)
contains.

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Color

CIELCh(60, 16.947, 190.151)

Conversions

Conversions Part 1	
Format	Color
Hex	6A9995
RGB	106, 153, 149
RGB Percent	42%, 60%, 58%
CMY	0.5833, 0.3990, 0.4147
CMYK	0.31, 0.00, 0.03, 0.40
HSL	175°, 19%, 51%
HSV	175°, 31%, 60%
XYZ	22.8512, 28.1233, 32.7636
YIQ	138.4910, -26.7280, -11.2080

Conversions

Conversions Part 2

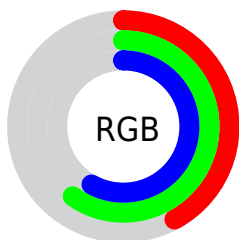
Format	Color
RYB	106, 131, 153
Decimal	6986133
CIELab	60.00, -16.68, -2.99
CIELCh	60, 16.947, 190.151
Yxy	28.1233, 0.2729, 0.3358
Android (android.graphics.Color)	4285176213 (0xFF6A9995)
YUV	138.4910, 5.1809, -28.4946
Hunter-Lab	53.0314, -15.8895, 0.4918

Details

The CIELCh color `60, 16.947, 190.151` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `50, 20.108, 15.374`, and the grayscale version is `58, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 16.701, 190.826`, and `40, 17.053, 189.040` is the 20% darker color. If you saturate the color by 10%, you get `59, 21.685, 189.401`, and if you desaturate by 10%, it is `61, 11.759, 190.892`.

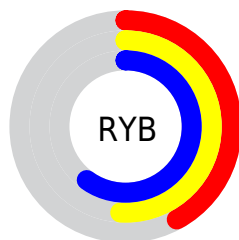
Distribution



Red (42%)

Green (60%)

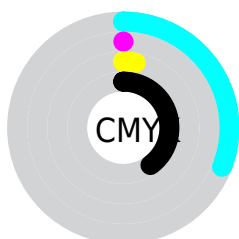
Blue (58%)



Red (42%)

Yellow (51%)

Blue (60%)

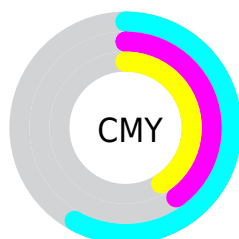


Cyan (31%)

Magenta (0%)

Yellow (3%)

Black (40%)



Cyan (58%)


Magenta (40%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 16.947, 190.151 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, 16.947, 190.151 by changing the saturation by 10% instead.


 60, 16.947,
190.151


 60, 16.947,
190.151


 100, 16.947,
190.151


 50, 16.947,
190.151


 80, 16.947,
190.151

 40, 16.947,
190.151

 90, 16.947,
190.151


 30, 16.947,
190.151

 20, 16.947,
190.151

 10, 16.947,
190.151

 0, 16.947, 190.151

 60, 16.947,

 60, 16.947,

190.151

■ 59, 21.685,
189.401

■ 58, 25.879,
188.644

■ 58, 29.449,
187.865

■ 57, 32.337,
187.052

■ 57, 34.520,
186.190

■ 57, 36.016,
185.263

■ 57, 36.982,
184.358

190.151

■ 61, 11.759,
190.892

■ 62, 6.212, 191.654

■ 63, 0.397, 193.421

■ 65, 5.606, 12.950

■ 66, 11.727, 13.708

■ 68, 17.912, 14.431

■ 69, 24.114, 15.141

■ 71, 30.300, 15.837

■ 73, 36.442, 16.520

Harmonies

Complementary

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



60, 16.947, 190.151



50, 20.108, 15.374

Rectangle

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



60, 16.947, 190.151



60, 16.947, 240.151



60, 16.947, 10.151



60, 16.947, 60.151

Sweetspot

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



60, 16.948, 190.148



79, 6.497, 191.774



59, 31.356, 139.909



41, 4.491, 191.665



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 16.948, 190.148



75, 24.671, 189.622



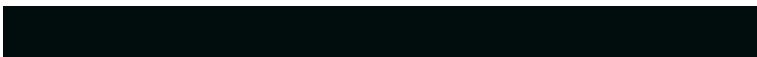
55, 14.343, 248.042



32, 3.294, 191.770



52, 34.639, 184.443



3, 3.636, 191.602

Inverse Universe

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



50, 20.108, 15.374



60, 30.598, 16.407



55, 16.426, 60.880



30, 3.455, 13.009



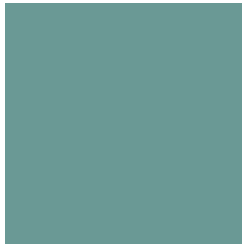
28, 63.323, 35.528



1, 3.628, 12.471

Previews

White Background



This preview shows how the CIELCh color 60, 16.947, 190.151 looks on a white background.

Color Contrast Check

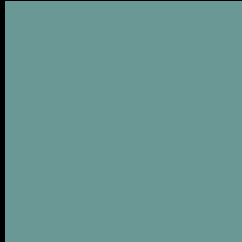
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.947, 190.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

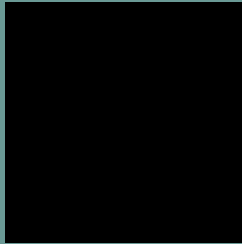
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 16.947, 190.151

Background



This preview shows how black text looks on a background with the CIELCh color 60, 16.947, 190.151.

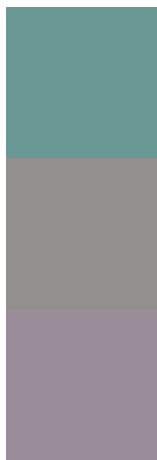


This preview shows how white text looks on a background with the CIELCh color 60, 16.947, 190.151.

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, 16.947, 190.151

Protanopia

60, 1.563, 19.284

Deuteranopia

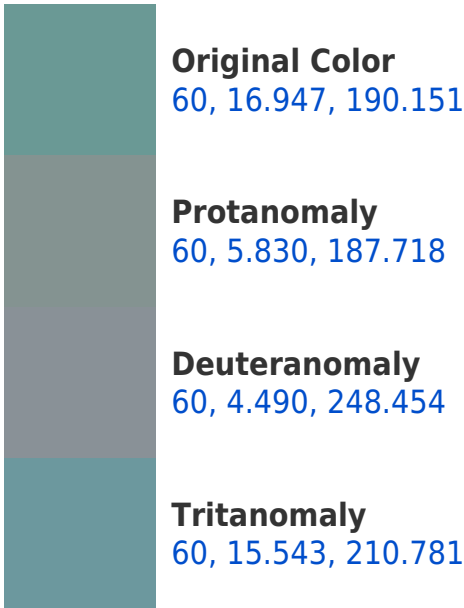
60, 8.704, 329.110



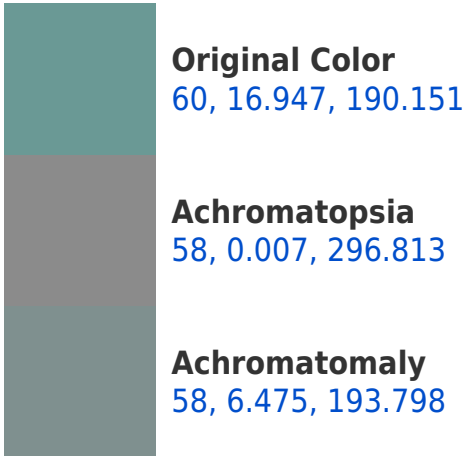
Tritanopia

60, 15.671, 224.074

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 16.947, 190.151 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(106, 153, 149)` looks like.

```
.text, #text, p{  
    color:rgb(106, 153, 149)  
}
```

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(106, 153, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 153, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 16.947, 190.151 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(106, 153, 149) }
```

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

```
.border{ border-color:rgb(106, 153, 149) }
```

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

Here you see how a box with a 4 pixel rgb(106, 153, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 153, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 153, 149);  
box-shadow:4px 4px 4px 4px rgb(106, 153,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 16.947, 190.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 153, 149) }
```

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

```
.background{ background-color: rgb(106,  
153, 149) }
```

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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