

Converting Colors

CIE LCh(60, 17.102, 197.932)

Have a look what the booklet for
CIELCh(60, 17.102, 197.932)
contains.

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Color

CIELCh(60, 17.134, 197.870)

Conversions

Conversions Part 1

Format	Color
Hex	689999
RGB	104, 153, 153
RGB Percent	41%, 60%, 60%
CMY	0.5913, 0.3991, 0.3991
CMYK	0.32, 0.00, 0.00, 0.40
HSL	180°, 19%, 50%
HSV	180°, 32%, 60%
XYZ	22.9339, 28.1233, 34.4574
YIQ	138.3490, -29.2040, -10.3880

Conversions

Conversions Part 2

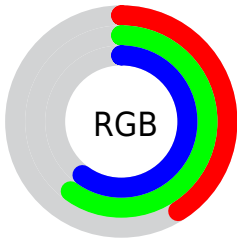
Format	Color
RYB	104, 129, 153
Decimal	6855065
CIELab	60.00, -16.31, -5.26
CIElCh	60, 17.134, 197.870
Yxy	28.1233, 0.2682, 0.3289
Android (android.graphics.Color)	4285045145 (0xFF689999)
YUV	138.3490, 7.2229, -30.1241
Hunter-Lab	53.0314, -15.6113, -1.4020

Details

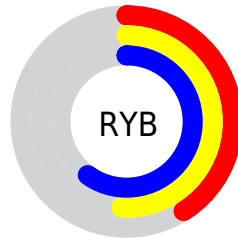
The CIELCh color `60, 17.134, 197.870` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `49, 21.233, 22.058`, and the grayscale version is `58, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 16.980, 198.196`, and `40, 17.312, 197.333` is the 20% darker color. If you saturate the color by 10%, you get `59, 21.549, 197.472`, and if you desaturate by 10%, it is `61, 12.204, 198.318`.

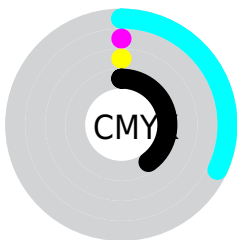
Distribution



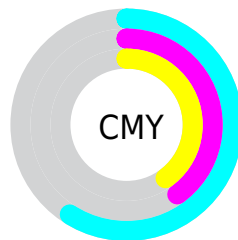
- Red (41%)
- Green (60%)
- Blue (60%)



- Red (41%)
- Yellow (51%)
- Blue (60%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)





- Cyan (59%)
- Magenta (40%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 17.134, 197.870 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, 17.134, 197.870 by changing the saturation by 10% instead.


 60, 17.134,
197.870


 60, 17.134,
197.870


 100, 17.134,
197.870


 50, 17.134,
197.870


 80, 17.134,
197.870

 40, 17.134,
197.870


 90, 17.134,
197.870


 30, 17.134,
197.870

 20, 17.134,
197.870

 10, 17.134,
197.870

 0, 17.134, 197.870

 60, 17.134,

 60, 17.134,

197.870

197.870

■ 59, 21.549,
197.472

■ 61, 12.204,
198.318

■ 59, 25.365,
197.138

■ 62, 6.849, 198.834

■ 58, 28.515,
196.866

■ 63, 1.159, 199.684

■ 64, 4.784, 19.754

■ 58, 30.958,
196.657

■ 66, 10.907, 20.387

■ 57, 32.686,
196.511

■ 67, 17.146, 20.999

■ 69, 23.452, 21.614

■ 57, 33.737,
196.422

■ 71, 29.784, 22.230

■ 57, 34.267,
196.377

■ 72, 36.109, 22.845

Harmonies

Complementary

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



60, 17.134, 197.870



49, 21.233, 22.058

Rectangle

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



60, 17.134, 197.870



60, 17.134, 247.870



60, 17.134, 17.870



60, 17.134, 67.870

Sweetspot

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



60, 17.134, 197.867



79, 7.103, 198.936



59, 33.557, 141.848



41, 4.818, 198.862



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, 17.134, 197.867



76, 24.481, 197.593



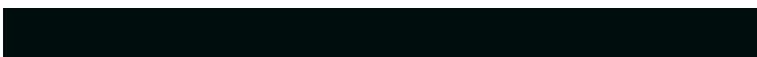
53, 15.970, 258.500



32, 3.249, 198.994



53, 32.121, 196.377



3, 3.595, 199.416

Inverse Universe

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



49, 21.233, 22.058



60, 31.947, 22.971



55, 17.579, 69.792



30, 3.439, 19.891



28, 66.111, 39.047



1, 3.595, 19.400

Previews

White Background



This preview shows how the CIELCh color 60, 17.134, 197.870 looks on a white background.

Color Contrast Check

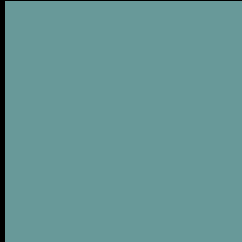
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.134, 197.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

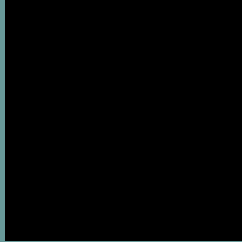
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 17.134, 197.870

Background



This preview shows how black text looks on a background with the CIELCh color 60, 17.134, 197.870.

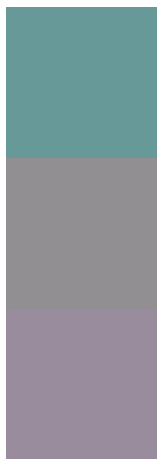


This preview shows how white text looks on a background with the CIELCh color 60, 17.134, 197.870.

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, 17.134, 197.870

Protanopia

60, 2.559, 317.346

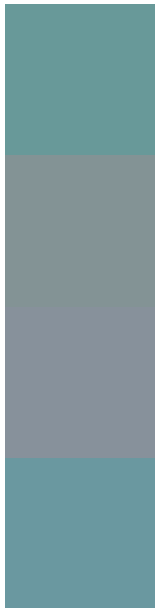
Deuteranopia

60, 10.363, 319.614



Tritanopia
60, 16.485, 222.626

Trichromacy



Original Color
60, 17.134, 197.870

Protanomaly
60, 6.078, 209.673

Deuteranomaly
60, 6.688, 257.149

Tritanomaly
60, 16.272, 214.322

Monochromacy



Original Color
60, 17.134, 197.870

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 6.784, 198.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 17.134, 197.870 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(104, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(104, 153, 153)  
}
```

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(104, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 153, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 17.134, 197.870 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(104, 153, 153) }
```

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

```
.border{ border-color:rgb(104, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(104, 153,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 17.134, 197.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 153, 153) }
```

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

```
.background{ background-color: rgb(104,  
153, 153) }
```

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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