

Converting Colors

CIELCh(60, 16.940, 177.657)

Have a look what the booklet for
CIELCh(60, 16.940, 177.657)
contains.

CIELCh(60, 16.849, 178.201)	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, 16.849, 178.201)

Conversions

Conversions Part 1

Format	Color
Hex	6E998F
RGB	110, 153, 143
RGB Percent	43%, 60%, 56%
CMY	0.5682, 0.3996, 0.4388
CMYK	0.28, 0.00, 0.07, 0.40
HSL	166°, 17%, 52%
HSV	166°, 28%, 60%
XYZ	22.8162, 28.1233, 30.2522
YIQ	139.0030, -22.4180, -12.2260

Conversions

Conversions Part 2

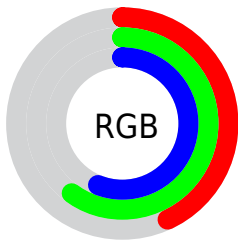
Format	Color
R_{YB}	110, 134, 153
Decimal	7248271
CIE _{Lab}	60.00, -16.84, 0.53
CIE _{LCh}	60, 16.849, 178.201
Yxy	28.1233, 0.2810, 0.3464
Android (android.graphics.Color)	4285438351 (0xFF6E998F)
YUV	139.0030, 1.9705, -25.4356
Hunter-Lab	53.0314, -16.0074, 3.2996

Details

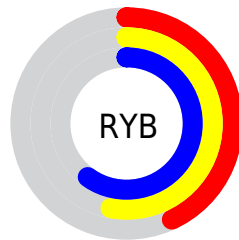
The CIELCh color $60, 16.849, 178.201$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $51, 18.662, 3.794$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 16.444, 179.241$, and $40, 17.018, 178.418$ is the 20% darker color. If you saturate the color by 10%, you get $59, 22.328, 177.139$, and if you desaturate by 10%, it is $61, 11.041, 179.194$.

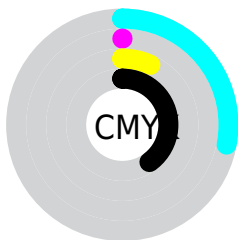
Distribution



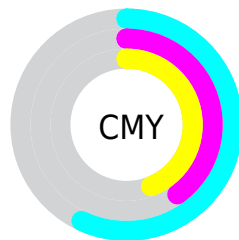
- Red (43%)
- Green (60%)
- Blue (56%)



- Red (43%)
- Yellow (53%)
- Blue (60%)



- Cyan (28%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)





- Cyan (57%)
- Magenta (40%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 16.849, 178.201 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, 16.849, 178.201 by changing the saturation by 10% instead.


 60, 16.849,
178.201


 60, 16.849,
178.201


 100, 16.849,
178.201


 50, 16.849,
178.201


 80, 16.849,
178.201

 40, 16.849,
178.201


 90, 16.849,
178.201


 30, 16.849,
178.201

 20, 16.849,
178.201

 10, 16.849,
178.201

 0, 16.849, 178.201

 60, 16.849,

 60, 16.849,

178.201

178.201

■ 59, 22.328,
177.139

■ 61, 11.041,
179.194

■ 58, 27.376,
175.996

■ 62, 4.997, 180.164

■ 58, 31.898,
174.748

■ 64, 1.196, 0.616

■ 65, 7.465, 1.741

■ 57, 35.814,
173.373

■ 66, 13.751, 2.568

■ 57, 39.075,
171.849

■ 68, 20.009, 3.349

■ 70, 26.202, 4.097

■ 56, 41.673,
170.156

■ 72, 32.307, 4.817

■ 56, 43.723,
168.325

■ 73, 38.308, 5.512

■ 56, 44.103,
167.984

Harmonies

Complementary

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



60, 16.849, 178.201



51, 18.662, 3.794

Rectangle

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



60, 16.849, 178.201



60, 16.849, 228.201



60, 16.849, 358.201



60, 16.849, 48.201

Sweetspot

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



60, 16.850, 178.198



79, 6.118, 180.157



60, 27.520, 136.432



41, 4.330, 180.018



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, 16.850, 178.198



75, 24.881, 177.509



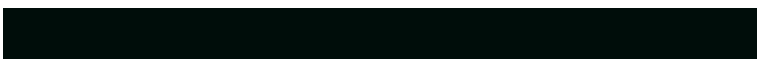
57, 12.731, 229.632



32, 3.486, 180.051



52, 41.275, 168.149



3, 3.834, 179.859

Inverse Universe

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



51, 18.662, 3.794



62, 28.285, 4.738



54, 15.146, 46.229



30, 3.601, 1.580



29, 57.748, 25.520



1, 3.804, 1.083

Previews

White Background



This preview shows how the CIELCh color 60, 16.849, 178.201 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 CIE LCh color 60, 16.849, 178.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

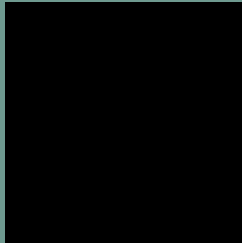
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 16.849, 178.201

Background



This preview shows how black text looks on a background with the CIELCh color 60, 16.849, 178.201.



This preview shows how white text looks on a background with the CIELCh color 60, 16.849, 178.201.

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, 16.849, 178.201

Protanopia
60, 3.429, 74.537

Deuteranopia
60, 7.493, 353.343



Tritanopia
60, 14.022, 227.530

Trichromacy



Original Color
60, 16.849, 178.201

Protanomaly
60, 6.437, 160.990

Deuteranomaly
60, 1.923, 199.446

Tritanomaly
60, 13.605, 207.855

Monochromacy



Original Color
60, 16.849, 178.201

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 6.570, 178.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 16.849, 178.201 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(110, 153, 143)` looks like.

```
.text, #text, p{  
    color:rgb(110, 153, 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(110, 153, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 153, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 16.849, 178.201 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(110, 153, 143) }
```

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

```
.border{ border-color:rgb(110, 153, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 153, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 153, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 153, 143);  
box-shadow:4px 4px 4px 4px rgb(110, 153,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 16.849, 178.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 153, 143) }
```

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

```
.background{ background-color: rgb(110,  
153, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor