

Converting Colors

CIELCh(60, 19.744, 166.429)

Have a look what the booklet for
CIELCh(60, 19.744, 166.429)
contains.

CIELCh(60, 19.772, 166.652)	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, 19.772, 166.652)

Conversions

Conversions Part 1

Format	Color
Hex	6D9A88
RGB	109, 154, 136
RGB Percent	43%, 60%, 53%
CMY	0.5727, 0.3962, 0.4668
CMYK	0.29, 0.00, 0.12, 0.40
HSL	156°, 18%, 52%
HSV	156°, 29%, 60%
XYZ	22.2922, 28.1233, 27.5316
YIQ	138.4930, -21.0420, -15.1380

Conversions

Conversions Part 2

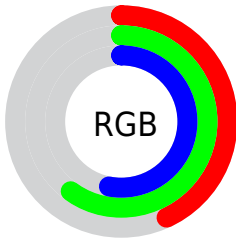
Format	Color
RYB	109, 137, 154
Decimal	7182984
CIELab	60.00, -19.24, 4.56
CIElCh	60, 19.772, 166.652
Yxy	28.1233, 0.2860, 0.3608
Android (android.graphics.Color)	4285373064 (0xFF6D9A88)
YUV	138.4930, -1.2290, -25.8654
Hunter-Lab	53.0314, -17.7710, 6.3413

Details

The CIELCh color $60, 19.772, 166.652$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $51, 20.920, 352.332$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 20.006, 165.791$, and $40, 20.208, 166.119$ is the 20% darker color. If you saturate the color by 10%, you get $59, 26.172, 165.503$, and if you desaturate by 10%, it is $61, 13.124, 167.694$.

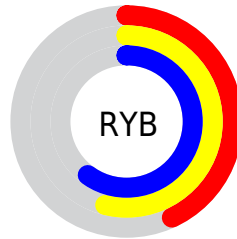
Distribution



Red (43%)

Green (60%)

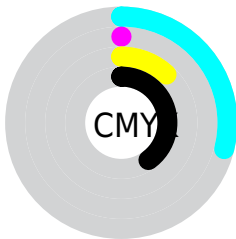
Blue (53%)



Red (43%)

Yellow (54%)

Blue (60%)

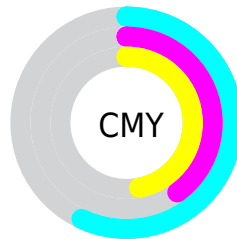


Cyan (29%)

Magenta (0%)

Yellow (12%)

Black (40%)



Cyan (57%)


Magenta (40%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 19.772, 166.652 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, 19.772, 166.652 by changing the saturation by 10% instead.


 60, 19.772,
166.652


 60, 19.772,
166.652


 100, 19.772,
166.652


 50, 19.772,
166.652


 80, 19.772,
166.652

 40, 19.772,
166.652

 90, 19.772,
166.652


 30, 19.772,
166.652

 20, 19.772,
166.652

 10, 19.772,
166.652

 0, 19.772, 166.652

 60, 19.772,

 60, 19.772,

166.652

166.652

■ 59, 26.172,
165.503

■ 61, 13.124,
167.694

■ 58, 32.212,
164.228

■ 62, 6.325, 168.667

■ 58, 37.784,
162.801

■ 64, 0.535, 348.796

■ 65, 7.386, 350.231

■ 57, 42.793,
161.198

■ 67, 14.172,
351.006

■ 57, 47.174,
159.401

■ 68, 20.852,
351.718

■ 56, 50.908,
157.401

■ 70, 27.398,
352.388

■ 56, 54.134,
155.283

■ 72, 33.789,
353.020

■ 56, 54.379,
155.127

■ 74, 40.016,

353.621

Harmonies

Complementary

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



60, 19.772, 166.652



51, 20.920, 352.332

Rectangle

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



60, 19.772, 166.652



60, 19.772, 216.652



60, 19.772, 346.652



60, 19.772, 36.652

Sweetspot

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



60, 19.773, 166.650



79, 7.601, 168.672



61, 27.252, 130.631



41, 5.266, 168.542



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, 19.773, 166.650



75, 28.930, 165.924



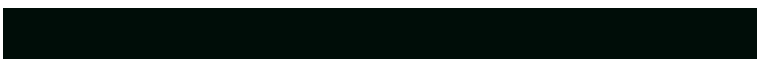
59, 14.633, 206.523



32, 3.854, 168.667



51, 50.608, 155.331



3, 4.210, 168.807

Inverse Universe

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



51, 20.920, 352.332



62, 30.991, 353.157



52, 17.895, 28.309



30, 3.925, 350.174



29, 54.246, 10.392



1, 4.166, 349.824

Previews

White Background



This preview shows how the CIELCh color 60, 19.772, 166.652 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, 19.772, 166.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

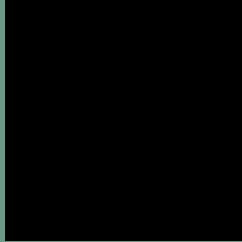
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 19.772, 166.652

Background



This preview shows how black text looks on a background with the CIELCh color 60, 19.772, 166.652.

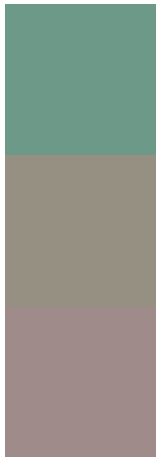


This preview shows how white text looks on a background with the CIELCh color 60, 19.772, 166.652.

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, 19.772, 166.652

Protanopia
60, 8.232, 92.085

Deuteranopia
60, 8.411, 20.205



Tritanopia
60, 14.022, 227.530

Trichromacy



Original Color
60, 19.772, 166.652

Protanomaly
60, 10.410, 138.704

Deuteranomaly
59, 3.592, 128.919

Tritanomaly
60, 13.911, 202.864

Monochromacy



Original Color
60, 19.772, 166.652

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 7.719, 167.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 19.772, 166.652 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(109, 154, 136)` looks like.

```
.text, #text, p{  
    color:rgb(109, 154, 136)  
}
```

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(109, 154, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 154, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 19.772, 166.652 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(109, 154, 136) }
```

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

```
.border{ border-color:rgb(109, 154, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 154, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 154, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 154, 136);  
box-shadow:4px 4px 4px 4px rgb(109, 154,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 19.772, 166.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 154, 136) }
```

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

```
.background{ background-color: rgb(109,  
154, 136) }
```

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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