

Converting Colors

CIECh(59, 21.088, 160.165)

Have a look what the booklet for
CIELCh(59, 21.088, 160.165)
contains.

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Color

CIELCh(59, 20.685, 160.505)

Conversions

Conversions Part 1

Format	Color
Hex	6C9781
RGB	108, 151, 129
RGB Percent	42%, 59%, 51%
CMY	0.5753, 0.4067, 0.4930
CMYK	0.28, 0.00, 0.15, 0.41
HSL	149°, 17%, 51%
HSV	149°, 28%, 59%
XYZ	21.3153, 27.0277, 24.9627
YIQ	135.6350, -18.5660, -15.9580

Conversions

Conversions Part 2

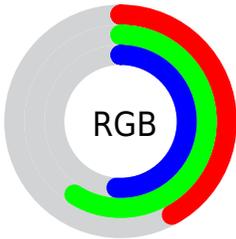
Format	Color
RYB	108, 137, 151
Decimal	7116673
CIELab	59.00, -19.50, 6.90
CIElCh	59, 20.685, 160.505
Yxy	27.0277, 0.2908, 0.3687
Android (android.graphics.Color)	4285306753 (0xFF6C9781)
YUV	135.6350, -3.2711, -24.2359
Hunter-Lab	51.9882, -17.7939, 7.9230

Details

The CIELCh color $59, 20.685, 160.505$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $51, 21.366, 345.533$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 20.512, 161.139$, and $39, 20.620, 160.539$ is the 20% darker color. If you saturate the color by 10%, you get $58, 27.712, 159.400$, and if you desaturate by 10%, it is $60, 13.468, 161.492$.

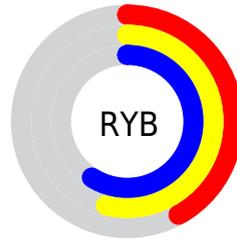
Distribution



Red (42%)

Green (59%)

Blue (51%)



Red (42%)

Yellow (54%)

Blue (59%)

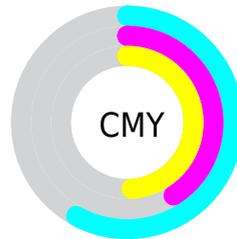


Cyan (28%)

Magenta (0%)

Yellow (15%)

Black (41%)



Cyan (58%)

Magenta (41%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 20.685, 160.505 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 59, 20.685, 160.505 by changing the saturation by 10% instead.

 59, 20.685,
160.505

 59, 20.685,
160.505

 100, 20.685,
160.505

 49, 20.685,
160.505

 79, 20.685,
160.505

 39, 20.685,
160.505

 89, 20.685,
160.505

 29, 20.685,
160.505

 99, 20.685,
160.505

 19, 20.685,
160.505

 9, 20.685, 160.505

 0, 20.685, 160.505

■ 59, 20.685,
160.505

■ 59, 20.685,
160.505

■ 58, 27.712,
159.400

■ 60, 13.468,
161.492

■ 57, 34.429,
158.157

■ 61, 6.160, 162.400

■ 56, 40.720,
156.750

■ 63, 1.152, 342.859

■ 64, 8.398, 343.829

■ 56, 46.473,
155.159

■ 66, 15.529,
344.512

■ 55, 51.603,
153.368

■ 68, 22.508,
345.134

■ 55, 56.071,
151.375

■ 69, 29.310,
345.709

■ 55, 59.965,
149.263

■ 71, 35.923,
346.246

■ 55, 60.561,

148.950

 73, 42.339,
346.750

Harmonies

Complementary

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



59, 20.685, 160.505



51, 21.366, 345.533

Rectangle

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



59, 20.685, 160.505



59, 20.685, 210.505



59, 20.685, 340.505



59, 20.685, 30.505

Sweetspot

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



59, 20.686, 160.504



78, 8.136, 162.333



60, 25.462, 127.186



41, 5.699, 162.212



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 20.686, 160.504



74, 30.442, 159.830



60, 15.332, 196.491



32, 4.169, 162.328



51, 57.104, 149.117



3, 4.536, 162.599

Inverse Universe

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



51, 21.366, 345.533



62, 31.643, 346.206



50, 18.394, 20.364



30, 4.218, 343.719



30, 54.553, 359.884



1, 4.484, 343.477

Previews

White Background



This preview shows how the CIELCh color 59, 20.685, 160.505 looks on a white background.

Color Contrast Check

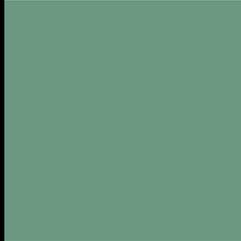
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 20.685, 160.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

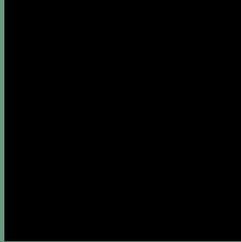
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

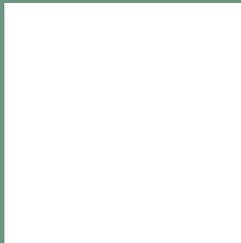
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 20.685, 160.505

Background



This preview shows how black text looks on a background with the CIELCh color 59, 20.685, 160.505.



This preview shows how white text looks on a background with the CIELCh color 59, 20.685, 160.505.

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
59, 20.685, 160.505

Protanopia
59, 10.010, 92.363

Deuteranopia
59, 9.408, 37.588



Tritanopia
59, 13.218, 229.664

Trichromacy



Original Color
59, 20.685, 160.505

Protanomaly
59, 11.619, 131.240

Deuteranomaly
59, 6.227, 113.133

Tritanomaly
59, 13.421, 195.744

Monochromacy



Original Color
59, 20.685, 160.505

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 7.755, 162.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 20.685, 160.505 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(108, 151, 129)` looks like.

```
.text, #text, p{  
    color:rgb(108, 151, 129)  
}
```

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(108, 151, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 151, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 20.685, 160.505 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(108, 151, 129) }
```

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

```
.border{ border-color:rgb(108, 151, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 151, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 151, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 151, 129);  
box-shadow:4px 4px 4px 4px rgb(108, 151,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 20.685, 160.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 151, 129) }
```

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

```
.background{ background-color: rgb(108,  
151, 129) }
```

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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