

Converting Colors

CIELCh(60, 19.449, 194.043)

Have a look what the booklet for
CIELCh(60, 19.449, 194.043)
contains.

CIELCh(60, 19.410, 194.295)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(60, 19.410, 194.295)

Conversions

Conversions Part 1

Format	Color
Hex	629A98
RGB	98, 154, 152
RGB Percent	38%, 60%, 60%
CMY	0.6143, 0.3947, 0.4025
CMYK	0.36, 0.00, 0.01, 0.39
HSL	178°, 22%, 50%
HSV	178°, 36%, 61%
XYZ	22.3854, 28.1233, 34.1059
YIQ	137.0280, -32.7340, -12.4940

Conversions

Conversions Part 2

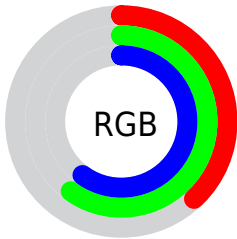
Format	Color
R_{YB}	98, 127, 154
Decimal	6462104
CIE _{Lab}	60.00, -18.81, -4.79
CIE _{LCh}	60, 19.410, 194.295
Yxy	28.1233, 0.2646, 0.3324
Android (android.graphics.Color)	4284652184 (0xFF629A98)
YUV	137.0280, 7.3812, -34.2276
Hunter-Lab	53.0314, -17.4575, -1.0089

Details

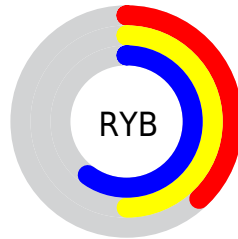
The CIELCh color `60, 19.410, 194.295` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `48, 24.442, 19.941`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 19.657, 193.301`, and `40, 19.645, 193.461` is the 20% darker color. If you saturate the color by 10%, you get `59, 23.704, 193.747`, and if you desaturate by 10%, it is `61, 14.580, 194.866`.

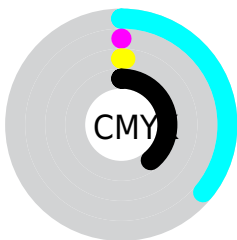
Distribution



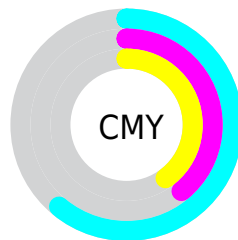
- Red (38%)
- Green (60%)
- Blue (60%)



- Red (38%)
- Yellow (50%)
- Blue (60%)



- Cyan (36%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)





- Cyan (61%)
- Magenta (39%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 19.410, 194.295 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, 19.410, 194.295 by changing the saturation by 10% instead.


 60, 19.410,
194.295


 60, 19.410,
194.295


 100, 19.410,
194.295


 50, 19.410,
194.295


 80, 19.410,
194.295

 40, 19.410,
194.295


 90, 19.410,
194.295


 30, 19.410,
194.295

 20, 19.410,
194.295

 10, 19.410,
194.295

 0, 19.410, 194.295

 60, 19.410,

 60, 19.410,

194.295

■ 59, 23.704,
193.747

■ 59, 27.378,
193.228

■ 58, 30.370,
192.730

■ 58, 32.646,
192.247

■ 58, 34.212,
191.770

■ 57, 35.144,
191.289

■ 57, 35.433,
191.112

194.295

■ 61, 14.580,
194.866

■ 62, 9.305, 195.473

■ 63, 3.677, 196.158

■ 64, 2.217, 16.459

■ 66, 8.300, 17.250

■ 67, 14.505, 17.923

■ 69, 20.779, 18.586

■ 70, 27.077, 19.245

■ 72, 33.368, 19.898

Harmonies

Complementary

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



60, 19.410, 194.295



48, 24.442, 19.941

Rectangle

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



60, 19.410, 194.295



60, 19.410, 244.295



60, 19.410, 14.295



60, 19.410, 64.295

Sweetspot

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



60, 19.410, 194.292



80, 7.908, 195.801



59, 37.817, 140.699



42, 5.340, 195.718



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 19.410, 194.292



76, 28.179, 193.822



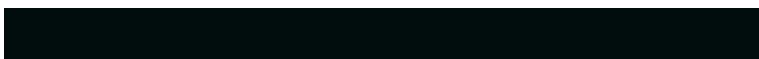
53, 17.581, 255.439



32, 3.262, 195.938



52, 33.029, 191.155



3, 3.604, 196.060

Inverse Universe

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



48, 24.442, 19.941



58, 37.772, 21.336



54, 20.067, 65.755



30, 3.440, 16.995



28, 64.921, 37.620



1, 3.603, 16.477

Previews

White Background



This preview shows how the CIELCh color 60, 19.410, 194.295 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, 19.410, 194.295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

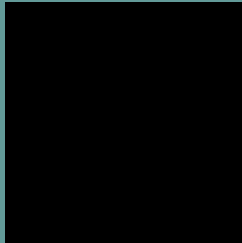
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 19.410, 194.295

Background



This preview shows how black text looks on a background with the CIELCh color 60, 19.410, 194.295.

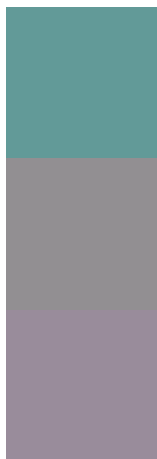


This preview shows how white text looks on a background with the CIELCh color 60, 19.410, 194.295.

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, 19.410, 194.295

Protanopia

60, 2.073, 324.453

Deuteranopia

60, 9.875, 321.190



Tritanopia
60, 17.979, 222.373

Trichromacy



Original Color
60, 19.410, 194.295

Protanomaly
60, 6.753, 203.656

Deuteranomaly
59, 6.678, 249.000

Tritanomaly
60, 17.923, 210.753

Monochromacy



Original Color
60, 19.410, 194.295

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 7.517, 198.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 19.410, 194.295 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(98, 154, 152)` looks like.

```
.text, #text, p{  
    color:rgb(98, 154, 152)  
}
```

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(98, 154, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 154, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 19.410, 194.295 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(98, 154, 152) }
```

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

```
.border{ border-color:rgb(98, 154, 152) }
```

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

Here you see how a box with a 4 pixel rgb(98, 154, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 154, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 154, 152);  
box-shadow:4px 4px 4px 4px rgb(98, 154,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 19.410, 194.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 154, 152) }
```

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

```
.background{ background-color: rgb(98, 154,  
152) }
```

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