

Converting Colors

CIELCh(61, 15.478, 198.228)

Have a look what the booklet for
CIELCh(61, 15.478, 198.228)
contains.

CIELCh(61, 15.560, 198.027)	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(61, 15.560, 198.027)

Conversions

Conversions Part 1

Format	Color
Hex	6F9B9B
RGB	111, 155, 155
RGB Percent	44%, 61%, 61%
CMY	0.5642, 0.3916, 0.3916
CMYK	0.28, 0.00, 0.00, 0.39
HSL	180°, 18%, 52%
HSV	180°, 28%, 61%
XYZ	24.2448, 29.2481, 35.4387
YIQ	141.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

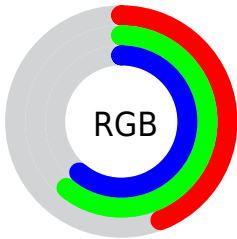
Format	Color
RYB	111, 133, 155
Decimal	7314331
CIELab	61.00, -14.80, -4.82
CIElCh	61, 15.560, 198.027
Yxy	29.2481, 0.2726, 0.3289
Android (android.graphics.Color)	4285504411 (0xFF6F9B9B)
YUV	141.8440, 6.4859, -27.0502
Hunter-Lab	54.0815, -14.6210, -0.9947

Details

The CIELCh color `61, 15.560, 198.027` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `51, 18.777, 21.636`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 15.758, 196.351`, and `41, 15.601, 197.560` is the 20% darker color. If you saturate the color by 10%, you get `60, 20.217, 197.608`, and if you desaturate by 10%, it is `62, 10.416, 198.496`.

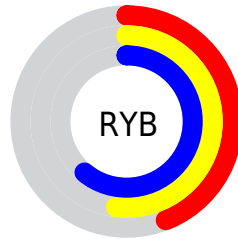
Distribution



Red (44%)

Green (61%)

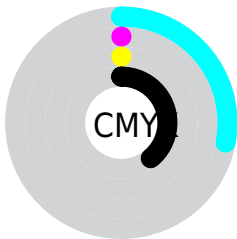
Blue (61%)



Red (44%)

Yellow (52%)

Blue (61%)

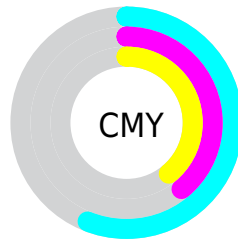


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (39%)



Cyan (56%)


Magenta (39%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 15.560, 198.027 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 61, 15.560, 198.027 by changing the saturation by 10% instead.


 61, 15.560,
198.027


 61, 15.560,
198.027


 100, 15.560,
198.027


 51, 15.560,
198.027


 81, 15.560,
198.027

 41, 15.560,
198.027

 91, 15.560,
198.027

 31, 15.560,
198.027

 21, 15.560,
198.027

 11, 15.560,
198.027

 1, 15.560, 198.027

 0, 15.560, 198.027

61, 15.560,
198.027

61, 15.560,
198.027

60, 20.217,
197.608

62, 10.416,
198.496

59, 24.296,
197.251

63, 4.874, 199.048

64, 0.975, 19.023

59, 27.724,
196.956

66, 7.052, 19.993

59, 30.448,
196.725

67, 13.287, 20.611

58, 32.447,
196.557

69, 19.619, 21.224

70, 26.003, 21.840

58, 33.743,
196.449

72, 32.400, 22.457

58, 34.472,
196.388

74, 38.781, 23.071

58, 34.578,

Harmonies

Complementary

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



61, 15.560, 198.027



51, 18.777, 21.636

Rectangle

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



61, 15.560, 198.027



61, 15.560, 248.027



61, 15.560, 18.027



61, 15.560, 68.027

Sweetspot

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



61, 15.560, 198.023



80, 6.476, 198.998



60, 30.095, 142.145



42, 4.520, 198.916



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 15.560, 198.023



77, 22.518, 197.755



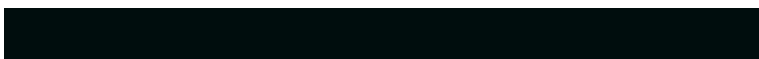
55, 14.352, 257.811



32, 3.249, 198.995



53, 32.121, 196.379



3, 3.595, 199.417

Inverse Universe

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



51, 18.777, 21.636



62, 28.483, 22.406



57, 15.609, 70.219



30, 3.439, 19.892



28, 66.111, 39.047



1, 3.595, 19.401

Previews

White Background



This preview shows how the CIE LCh color 61, 15.560, 198.027 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 61, 15.560, 198.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

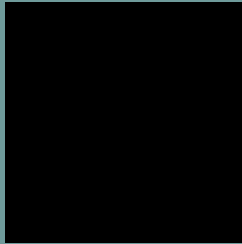
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 15.560, 198.027

Background



This preview shows how black text looks on a background with the CIELCh color 61, 15.560, 198.027.

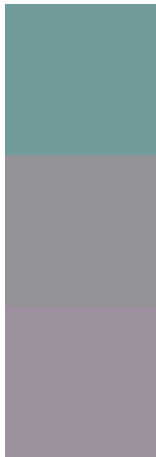


This preview shows how white text looks on a background with the CIELCh color 61, 15.560, 198.027.

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
61, 15.560, 198.027

Protanopia
61, 2.396, 309.141

Deuteranopia
61, 9.839, 321.182



Tritanopia
61, 15.034, 227.713

Trichromacy



Original Color
61, 15.560, 198.027

Protanomaly
61, 5.470, 217.064

Deuteranomaly
61, 6.158, 265.801

Tritanomaly
61, 14.790, 216.080

Monochromacy



Original Color
61, 15.560, 198.027

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 6.032, 198.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 15.560, 198.027 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(111, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(111, 155, 155)  
}
```

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(111, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 155, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 15.560, 198.027 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(111, 155, 155) }
```

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

```
.border{ border-color:rgb(111, 155, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(111, 155,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 15.560, 198.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 155, 155) }
```

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

```
.background{ background-color: rgb(111,  
155, 155) }
```

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