

Converting Colors

CIELCh(61, 11.036, 196.851)

Have a look what the booklet for
CIELCh(61, 11.036, 196.851)
contains.

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Color

CIELCh(61, 11.016, 195.484)

Conversions

Conversions Part 1

Format	Color
Hex	7B9998
RGB	123, 153, 152
RGB Percent	48%, 60%, 60%
CMY	0.5177, 0.4001, 0.4040
CMYK	0.20, 0.00, 0.01, 0.40
HSL	178°, 13%, 54%
HSV	178°, 20%, 60%
XYZ	25.2163, 29.2481, 34.0099
YIQ	143.9160, -17.5590, -6.6710

Conversions

Conversions Part 2

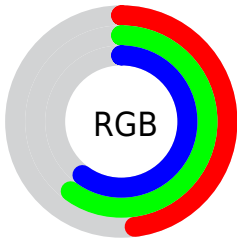
Format	Color
RYB	123, 138, 153
Decimal	8100248
CIELab	61.00, -10.62, -2.94
CIElCh	61, 11.016, 195.484
Yxy	29.2481, 0.2850, 0.3306
Android (android.graphics.Color)	4286290328 (0xFF7B9998)
YUV	143.9160, 3.9854, -18.3433
Hunter-Lab	54.0815, -11.4146, 0.5718

Details

The CIELCh color $61, 11.016, 195.484$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $54, 12.391, 18.123$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 10.889, 195.842$, and $41, 11.187, 194.927$ is the 20% darker color. If you saturate the color by 10%, you get $60, 16.112, 194.892$, and if you desaturate by 10%, it is $62, 5.540, 196.115$.

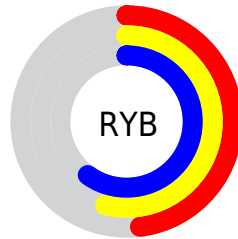
Distribution



Red (48%)

Green (60%)

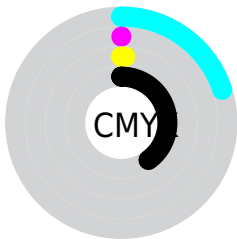
Blue (60%)



Red (48%)

Yellow (54%)

Blue (60%)

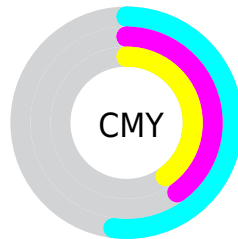


Cyan (20%)

Magenta (0%)

Yellow (1%)

Black (40%)



Cyan (52%)


Magenta (40%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 11.016, 195.484 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, 11.016, 195.484 by changing the saturation by 10% instead.


 61, 11.016,
195.484


 61, 11.016,
195.484


 100, 11.016,
195.484


 51, 11.016,
195.484


 81, 11.016,
195.484

 41, 11.016,
195.484


 91, 11.016,
195.484

 31, 11.016,
195.484

 21, 11.016,
195.484

 11, 11.016,
195.484

 1, 11.016, 195.484

 0, 11.016, 195.484

61, 11.016,
195.484

61, 11.016,
195.484

60, 16.112,
194.892

62, 5.540, 196.115

59, 20.734,
194.338

63, 0.231, 14.703

65, 6.214, 17.211

59, 24.794,
193.814

66, 12.340, 17.890

58, 28.216,
193.317

68, 18.553, 18.551

69, 24.805, 19.208

58, 30.946,
192.843

71, 31.059, 19.861

57, 32.962,
192.383

73, 37.289, 20.507

74, 41.179, 20.771

57, 34.285,
191.930

57, 35.096,

191.476

■ 57, 35.126,
191.459

Harmonies

Complementary

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



61, 11.016, 195.484



54, 12.391, 18.123

Rectangle

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



61, 11.016, 195.484



61, 11.016, 245.484



61, 11.016, 15.484



61, 11.016, 65.484

Sweetspot

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



61, 11.017, 195.478



79, 4.316, 196.374



60, 20.341, 141.968



42, 2.852, 196.328



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 11.017, 195.478



77, 16.455, 195.188



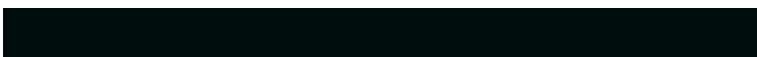
57, 9.623, 252.426



32, 3.261, 196.142



53, 32.961, 191.495



3, 3.603, 196.282

Inverse Universe

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



54, 12.391, 18.123



67, 19.108, 18.628



58, 10.282, 67.599



30, 3.439, 17.189



28, 65.000, 37.717



1, 3.602, 16.672

Previews

White Background



This preview shows how the CIELCh color 61, 11.016, 195.484 looks on a white background.

Color Contrast Check

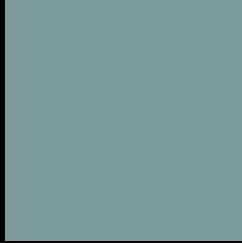
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 11.016, 195.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

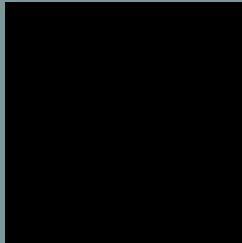
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

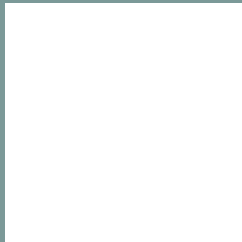
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 11.016, 195.484

Background



This preview shows how black text looks on a background with the CIELCh color 61, 11.016, 195.484.

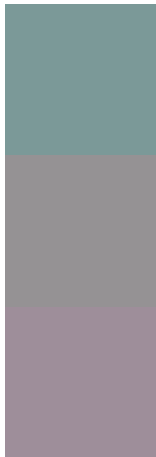


This preview shows how white text looks on a background with the CIELCh color 61, 11.016, 195.484.

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, 11.016, 195.484

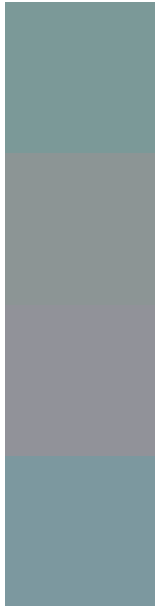
Protanopia
61, 1.632, 335.630

Deuteranopia
61, 9.183, 332.955



Tritanopia
61, 11.273, 235.764

Trichromacy



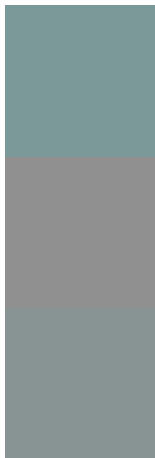
Original Color
61, 11.016, 195.484

Protanomaly
61, 3.424, 199.211

Deuteranomaly
61, 3.961, 285.141

Tritanomaly
61, 10.691, 220.333

Monochromacy



Original Color
61, 11.016, 195.484

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 4.182, 199.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 11.016, 195.484 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(123, 153, 152)` looks like.

```
.text, #text, p{  
    color:rgb(123, 153, 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(123, 153, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 153, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 11.016, 195.484 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(123, 153, 152) }
```

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

```
.border{ border-color:rgb(123, 153, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 153, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 153, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 153, 152);  
box-shadow:4px 4px 4px 4px rgb(123, 153,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 11.016, 195.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 153, 152) }
```

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

```
.background{ background-color: rgb(123,  
153, 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](#).

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