

Converting Colors

CIELCh(61, 19.428, 185.971)

Have a look what the booklet for
CIELCh(61, 19.428, 185.971)
contains.

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Color

CIELCh(61, 19.539, 185.943)

Conversions

Conversions Part 1

Format	Color
Hex	679D96
RGB	103, 157, 150
RGB Percent	40%, 62%, 59%
CMY	0.5956, 0.3839, 0.4113
CMYK	0.34, 0.00, 0.04, 0.38
HSL	172°, 22%, 51%
HSV	172°, 34%, 62%
XYZ	23.1965, 29.2481, 33.3244
YIQ	140.0560, -29.9370, -13.6250

Conversions

Conversions Part 2

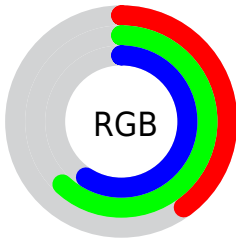
Format	Color
RYB	103, 132, 157
Decimal	6790550
CIELab	61.00, -19.43, -2.02
CIELCh	61, 19.539, 185.943
Yxy	29.2481, 0.2705, 0.3410
Android (android.graphics.Color)	4284980630 (0xFF679D96)
YUV	140.0560, 4.9024, -32.4981
Hunter-Lab	54.0815, -18.0810, 1.3233

Details

The CIELCh color `61, 19.539, 185.943` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `50, 23.246, 12.494`, and the grayscale version is `58, 0.007, 296.813`.

A 20% lighter version of the original color is `81, 19.702, 185.472`, and `41, 19.391, 186.170` is the 20% darker color. If you saturate the color by 10%, you get `60, 24.358, 185.044`, and if you desaturate by 10%, it is `62, 14.252, 186.804`.

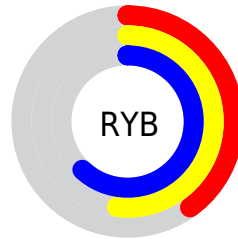
Distribution



Red (40%)

Green (62%)

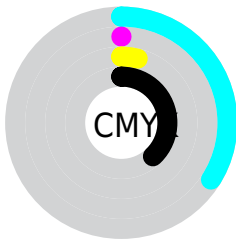
Blue (59%)



Red (40%)

Yellow (52%)

Blue (62%)

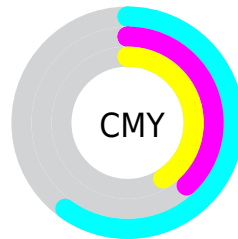


Cyan (34%)

Magenta (0%)

Yellow (4%)

Black (38%)



Cyan (60%)


Magenta (38%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 19.539, 185.943 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, 19.539, 185.943 by changing the saturation by 10% instead.


 61, 19.539,
185.943


 61, 19.539,
185.943


 100, 19.539,
185.943


 51, 19.539,
185.943


 81, 19.539,
185.943

 41, 19.539,
185.943

 91, 19.539,
185.943

 31, 19.539,
185.943

 21, 19.539,
185.943

 11, 19.539,
185.943

 1, 19.539, 185.943

 0, 19.539, 185.943

■ 61, 19.539,
185.943

■ 61, 19.539,
185.943

■ 60, 24.358,
185.044

■ 62, 14.252,
186.804

■ 60, 28.613,
184.102

■ 63, 8.593, 187.652

■ 64, 2.657, 188.572

■ 59, 32.225,
183.099

■ 66, 3.470, 9.066

■ 59, 35.140,
182.015

■ 67, 9.715, 9.918

■ 58, 37.346,
180.833

■ 69, 16.017, 10.691

■ 70, 22.330, 11.438

■ 58, 38.880,
179.534

■ 72, 28.615, 12.166

■ 58, 39.601,
178.790

■ 74, 34.845, 12.875

Harmonies

Complementary

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



61, 19.539, 185.943



50, 23.246, 12.494

Rectangle

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



61, 19.539, 185.943



61, 19.539, 235.943



61, 19.539, 5.943



61, 19.539, 55.943

Sweetspot

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



61, 19.540, 185.940



80, 7.453, 188.012



60, 35.437, 138.781



42, 5.061, 187.899



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, 19.540, 185.940



77, 28.114, 185.280



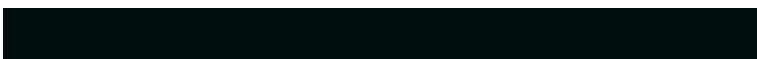
55, 15.965, 244.294



33, 3.429, 188.095



53, 36.882, 178.916



3, 4.597, 186.773

Inverse Universe

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



50, 23.246, 12.494



60, 34.882, 13.714



54, 18.992, 56.874



31, 3.581, 9.470



29, 62.490, 33.117



1, 4.554, 9.287

Previews

White Background



This preview shows how the CIELCh color 61, 19.539, 185.943 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, 19.539, 185.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

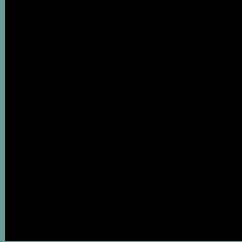
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 19.539, 185.943

Background



This preview shows how black text looks on a background with the CIELCh color 61, 19.539, 185.943.

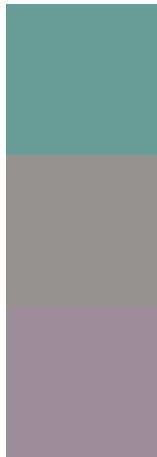


This preview shows how white text looks on a background with the CIELCh color 61, 19.539, 185.943.

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, 19.539, 185.943

Protanopia
61, 1.914, 55.184

Deuteranopia
61, 8.782, 335.449



Tritanopia
61, 17.282, 221.297

Trichromacy



Original Color
61, 19.539, 185.943

Protanomaly
61, 6.873, 179.648

Deuteranomaly
60, 4.362, 239.609

Tritanomaly
61, 17.271, 207.393

Monochromacy



Original Color
61, 19.539, 185.943

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 7.288, 189.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 19.539, 185.943 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(103, 157, 150)` looks like.

```
.text, #text, p{  
    color:rgb(103, 157, 150)  
}
```

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(103, 157, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 157, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 19.539, 185.943 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(103, 157, 150) }
```

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

```
.border{ border-color:rgb(103, 157, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 157, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 157, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 157, 150);  
box-shadow:4px 4px 4px 4px rgb(103, 157,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 19.539, 185.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 157, 150) }
```

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

```
.background{ background-color: rgb(103,  
157, 150) }
```

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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