

Converting Colors

CIELCh(61, 18.912, 190.214)

Have a look what the booklet for
CIELCh(61, 18.912, 190.214)
contains.

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Color

CIELCh(61, 19.198, 189.200)

Conversions

Conversions Part 1

Format	Color
Hex	679D98
RGB	103, 157, 152
RGB Percent	40%, 62%, 60%
CMY	0.5962, 0.3845, 0.4041
CMYK	0.34, 0.00, 0.03, 0.38
HSL	174°, 22%, 51%
HSV	174°, 34%, 62%
XYZ	23.3042, 29.2481, 34.1066
YIQ	140.2840, -30.5790, -13.0030

Conversions

Conversions Part 2

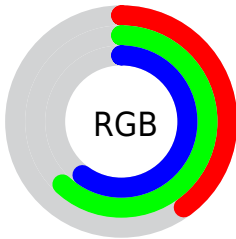
Format	Color
R_{YB}	103, 131, 157
Decimal	6790552
CIE _{Lab}	61.00, -18.95, -3.07
CIE _{LCh}	61, 19.198, 189.200
Yxy	29.2481, 0.2689, 0.3375
Android (android.graphics.Color)	4284980632 (0xFF679D98)
YUV	140.2840, 5.7760, -32.6981
Hunter-Lab	54.0815, -17.7255, 0.4658

Details

The CIELCh color **61, 19.198, 189.200** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 23.243, 15.339**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 19.391, 188.506**, and **41, 18.989, 189.732** is the 20% darker color. If you saturate the color by 10%, you get **60, 23.858, 188.419**, and if you desaturate by 10%, it is **62, 14.046, 189.964**.

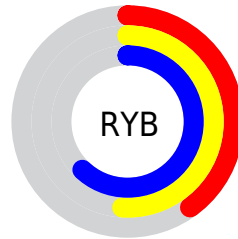
Distribution



Red (40%)

Green (62%)

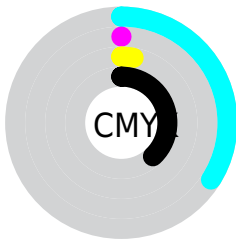
Blue (60%)



Red (40%)

Yellow (51%)

Blue (62%)

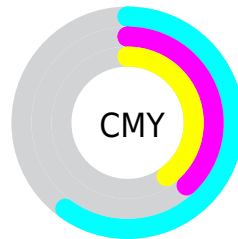


Cyan (34%)

Magenta (0%)

Yellow (3%)

Black (38%)



Cyan (60%)


Magenta (38%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 19.198, 189.200 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, 19.198, 189.200 by changing the saturation by 10% instead.


 61, 19.198,
189.200


 61, 19.198,
189.200


 100, 19.198,
189.200


 51, 19.198,
189.200


 81, 19.198,
189.200

 41, 19.198,
189.200

 91, 19.198,
189.200

 31, 19.198,
189.200

 21, 19.198,
189.200

 11, 19.198,
189.200

 1, 19.198, 189.200

 0, 19.198, 189.200

■ 61, 19.198,
189.200

■ 61, 19.198,
189.200

■ 60, 23.858,
188.419

■ 62, 14.046,
189.964

■ 60, 27.932,
187.621

■ 63, 8.498, 190.734

■ 64, 2.647, 191.593

■ 59, 31.347,
186.791

■ 65, 3.421, 12.028

■ 59, 34.053,
185.913

■ 67, 9.630, 12.842

■ 58, 36.042,
184.972

■ 68, 15.918, 13.583

■ 70, 22.237, 14.305

■ 58, 37.355,
183.951

■ 72, 28.546, 15.012

■ 58, 37.946,
183.371

■ 74, 34.817, 15.706

Harmonies

Complementary

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



61, 19.198, 189.200



49, 23.243, 15.339

Rectangle

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



61, 19.198, 189.200



61, 19.198, 239.200



61, 19.198, 9.200



61, 19.198, 59.200

Sweetspot

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



61, 19.198, 189.197



81, 7.368, 191.068



60, 35.814, 139.629



42, 5.003, 190.963



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, 19.198, 189.197



77, 27.564, 188.624



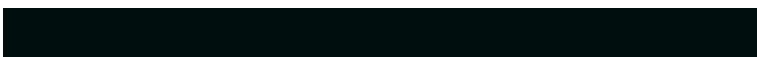
55, 16.287, 248.741



33, 3.391, 191.145



53, 35.381, 183.467



3, 4.541, 190.183

Inverse Universe

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



49, 23.243, 15.339



60, 34.957, 16.532



55, 19.014, 60.529



31, 3.555, 12.417



29, 63.960, 35.254



1, 4.517, 12.136

Previews

White Background



This preview shows how the CIELCh color 61, 19.198, 189.200 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, 19.198, 189.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

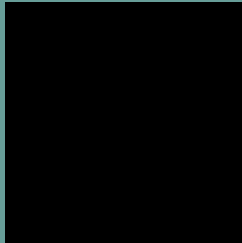
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 19.198, 189.200

Background



This preview shows how black text looks on a background with the CIELCh color 61, 19.198, 189.200.

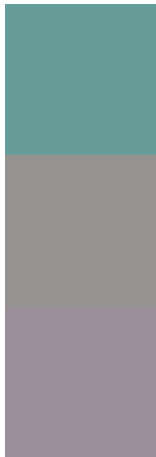


This preview shows how white text looks on a background with the CIELCh color 61, 19.198, 189.200.

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, 19.198, 189.200

Protanopia
61, 1.167, 19.144

Deuteranopia
61, 9.358, 328.832



Tritanopia
61, 17.282, 221.297

Trichromacy



Original Color
61, 19.198, 189.200

Protanomaly
61, 6.896, 189.387

Deuteranomaly
60, 5.374, 246.627

Tritanomaly
61, 17.295, 209.304

Monochromacy



Original Color
61, 19.198, 189.200

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, 19.198, 189.200 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(103, 157, 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(103, 157, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 157, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 19.198, 189.200 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, 152) }
```

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

```
.border{ border-color:rgb(103, 157, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 157, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 157, 152);  
box-shadow:4px 4px 4px 4px rgb(103, 157,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 19.198, 189.200 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, 152) }
```

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

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