

Converting Colors

CIELCh(61, 20.678, 197.597)

Have a look what the booklet for
CIELCh(61, 20.678, 197.597)
contains.

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Color

CIELCh(61, 20.902, 197.577)

Conversions

Conversions Part 1

Format	Color
Hex	609E9E
RGB	96, 158, 158
RGB Percent	38%, 62%, 62%
CMY	0.6250, 0.3819, 0.3819
CMYK	0.39, 0.00, 0.00, 0.38
HSL	180°, 24%, 50%
HSV	180°, 39%, 62%
XYZ	23.0871, 29.2481, 36.6081
YIQ	139.4620, -36.9520, -13.1440

Conversions

Conversions Part 2

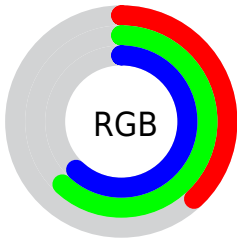
Format	Color
R_{YB}	96, 127, 158
Decimal	6332062
CIE _{Lab}	61.00, -19.93, -6.31
CIE _{LCh}	61, 20.902, 197.577
Yxy	29.2481, 0.2596, 0.3288
Android (android.graphics.Color)	4284522142 (0xFF609E9E)
YUV	139.4620, 9.1392, -38.1162
Hunter-Lab	54.0815, -18.4422, -2.2767

Details

The CIELCh color **61, 20.902, 197.577** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **47, 27.422, 23.076**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 20.856, 197.944**, and **41, 20.681, 198.718** is the 20% darker color. If you saturate the color by 10%, you get **60, 24.971, 197.224**, and if you desaturate by 10%, it is **62, 16.240, 197.984**.

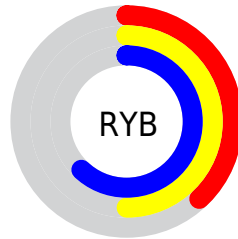
Distribution



Red (38%)

Green (62%)

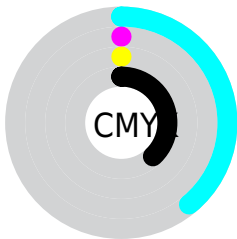
Blue (62%)



Red (38%)

Yellow (50%)

Blue (62%)

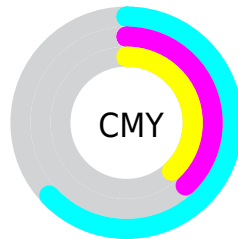


Cyan (39%)

Magenta (0%)

Yellow (0%)

Black (38%)



Cyan (63%)


Magenta (38%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 20.902, 197.577 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, 20.902, 197.577 by changing the saturation by 10% instead.


 61, 20.902,
197.577


 61, 20.902,
197.577


 100, 20.902,
197.577


 51, 20.902,
197.577


 81, 20.902,
197.577

 41, 20.902,
197.577

 91, 20.902,
197.577

 31, 20.902,
197.577

 21, 20.902,
197.577

 11, 20.902,
197.577

 1, 20.902, 197.577

 0, 20.902, 197.577

■ 61, 20.902,
197.577

■ 61, 20.902,
197.577

■ 60, 24.971,
197.224

■ 62, 16.240,
197.984

■ 60, 28.371,
196.936

■ 63, 11.074,
198.452

■ 59, 31.053,
196.712

■ 64, 5.496, 198.992

■ 59, 33.001,
196.550

■ 65, 0.404, 18.297

■ 59, 34.240,
196.448

■ 66, 6.541, 19.937

■ 59, 34.939,
196.391

■ 68, 12.845, 20.558

■ 59, 34.982,
196.388

■ 69, 19.253, 21.171

■ 71, 25.717, 21.788

■ 73, 32.197, 22.406

Harmonies

Complementary

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



61, 20.902, 197.577



47, 27.422, 23.076

Rectangle

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



61, 20.902, 197.577



61, 20.902, 247.577



61, 20.902, 17.577



61, 20.902, 67.577

Sweetspot

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



61, 20.902, 197.574



80, 8.655, 198.825



60, 42.253, 141.553



42, 5.709, 198.760



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, 20.902, 197.574



77, 29.573, 197.271



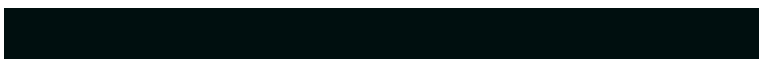
52, 20.320, 261.966



33, 3.339, 198.997



54, 32.543, 196.388



3, 4.472, 199.423

Inverse Universe

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



49, 42.183, 326.500



60, 61.392, 326.900



55, 22.672, 70.618



31, 6.104, 324.916



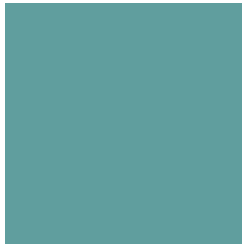
34, 75.046, 328.233



1, 7.944, 324.439

Previews

White Background



This preview shows how the CIELCh color 61, 20.902, 197.577 looks on a white background.

Color Contrast Check

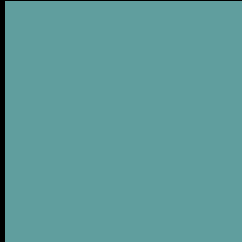
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.902, 197.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

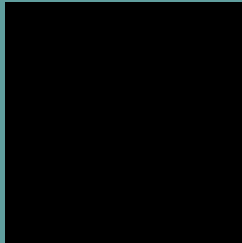
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 20.902, 197.577

Background



This preview shows how black text looks on a background with the CIELCh color 61, 20.902, 197.577.

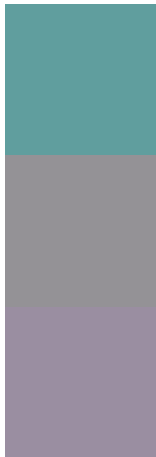


This preview shows how white text looks on a background with the CIELCh color 61, 20.902, 197.577.

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, 20.902, 197.577

Protanopia
61, 2.396, 309.141

Deuteranopia
61, 11.690, 314.000



Tritanopia
61, 19.772, 219.823

Trichromacy



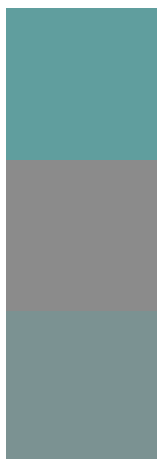
Original Color
61, 20.902, 197.577

Protanomaly
61, 7.895, 211.179

Deuteranomaly
61, 8.580, 251.364

Tritanomaly
61, 19.882, 210.976

Monochromacy



Original Color
61, 20.902, 197.577

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 8.570, 198.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 20.902, 197.577 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(96, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(96, 158, 158)  
}
```

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(96, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 158, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 20.902, 197.577 is called "border". The border property can be set on classes, ids or directly on the HTML element.

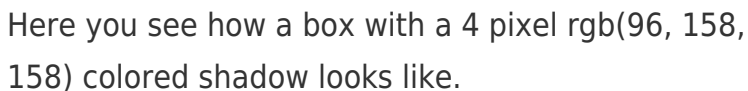
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 158, 158) }
```

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

```
.border{ border-color:rgb(96, 158, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(96, 158,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 20.902, 197.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 158, 158) }
```

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

```
.background{ background-color: rgb(96, 158,  
158) }
```

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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