

Converting Colors

CIELCh(61, 21.838, 187.161)

Have a look what the booklet for
CIELCh(61, 21.838, 187.161)
contains.

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Color

CIELCh(61, 21.853, 186.992)

Conversions

Conversions Part 1

Format	Color
Hex	609E97
RGB	96, 158, 151
RGB Percent	38%, 62%, 59%
CMY	0.6229, 0.3797, 0.4072
CMYK	0.39, 0.00, 0.04, 0.38
HSL	173°, 24%, 50%
HSV	173°, 39%, 62%
XYZ	22.6976, 29.2481, 33.7992
YIQ	138.6640, -34.7050, -15.3210

Conversions

Conversions Part 2

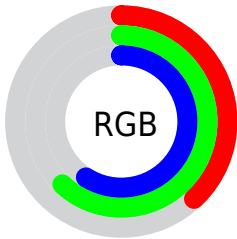
Format	Color
R_{YB}	96, 129, 158
Decimal	6332055
CIE _{Lab}	61.00, -21.69, -2.66
CIE _{LCh}	61, 21.853, 186.992
Yxy	29.2481, 0.2647, 0.3411
Android (android.graphics.Color)	4284522135 (0xFF609E97)
YUV	138.6640, 6.0816, -37.4163
Hunter-Lab	54.0815, -19.7278, 0.8027

Details

The CIELCh color `61, 21.853, 186.992` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `48, 26.965, 14.544`, and the grayscale version is `58, 0.007, 296.813`.

A 20% lighter version of the original color is `81, 22.079, 186.661`, and `41, 21.847, 187.137` is the 20% darker color. If you saturate the color by 10%, you get `60, 26.358, 186.128`, and if you desaturate by 10%, it is `62, 16.819, 187.822`.

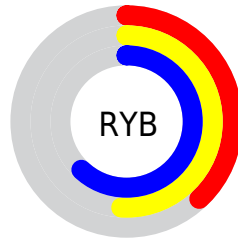
Distribution



Red (38%)

Green (62%)

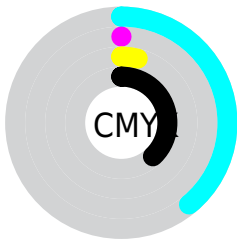
Blue (59%)



Red (38%)

Yellow (51%)

Blue (62%)

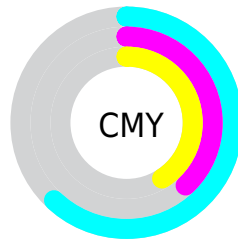


Cyan (39%)

Magenta (0%)

Yellow (4%)

Black (38%)



Cyan (62%)


Magenta (38%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 21.853, 186.992 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, 21.853, 186.992 by changing the saturation by 10% instead.


 61, 21.853,
186.992


 61, 21.853,
186.992


 100, 21.853,
186.992


 51, 21.853,
186.992


 81, 21.853,
186.992

 41, 21.853,
186.992

 91, 21.853,
186.992

 31, 21.853,
186.992

 21, 21.853,
186.992

 11, 21.853,
186.992

 1, 21.853, 186.992

 0, 21.853, 186.992

61, 21.853,
186.992

61, 21.853,
186.992

60, 26.358,
186.128

62, 16.819,
187.822

60, 30.245,
185.225

63, 11.353,
188.639

59, 33.448,
184.266

64, 5.551, 189.466

59, 35.933,
183.231

65, 0.494, 9.251

67, 6.703, 10.851

59, 37.711,
182.103

68, 13.009, 11.631

58, 38.942,
180.897

70, 19.355, 12.378

71, 25.699, 13.106

58, 39.037,
180.802

73, 32.008, 13.817

Harmonies

Complementary

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



61, 21.853, 186.992



48, 26.965, 14.544

Rectangle

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



61, 21.853, 186.992



61, 21.853, 236.992



61, 21.853, 6.992



61, 21.853, 56.992

Sweetspot

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



61, 21.853, 186.990



81, 8.950, 189.209



60, 40.739, 138.846



43, 5.970, 189.110



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 21.853, 186.990



77, 31.466, 186.241



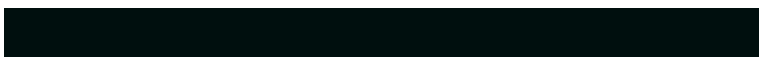
54, 18.280, 247.481



33, 3.411, 189.462



53, 36.183, 180.923



3, 4.570, 188.288

Inverse Universe

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



48, 26.965, 14.544



58, 40.928, 16.160



54, 22.131, 58.297



31, 3.568, 10.793



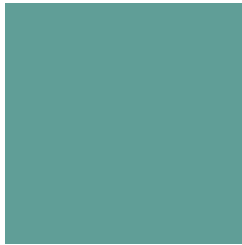
29, 63.163, 34.126



1, 4.536, 10.566

Previews

White Background



This preview shows how the CIELCh color 61, 21.853, 186.992 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, 21.853, 186.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

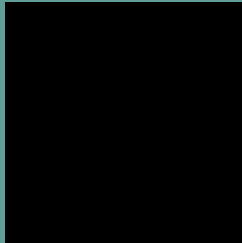
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 21.853, 186.992

Background



This preview shows how black text looks on a background with the CIELCh color 61, 21.853, 186.992.

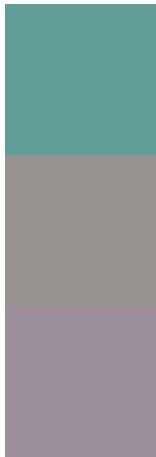


This preview shows how white text looks on a background with the CIELCh color 61, 21.853, 186.992.

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, 21.853, 186.992

Protanopia
61, 1.914, 55.184

Deuteranopia
61, 9.358, 328.832



Tritanopia
61, 19.137, 218.781

Trichromacy



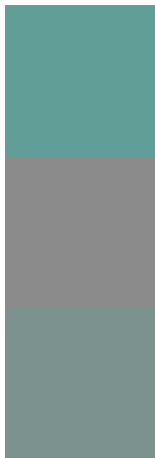
Original Color
61, 21.853, 186.992

Protanomaly
60, 7.751, 186.091

Deuteranomaly
60, 5.838, 234.604

Tritanomaly
61, 19.555, 206.091

Monochromacy



Original Color
61, 21.853, 186.992

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 8.851, 187.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 21.853, 186.992 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(96, 158, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 158, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 21.853, 186.992 is called "border". The border property can be set on classes, ids or directly on the HTML element.

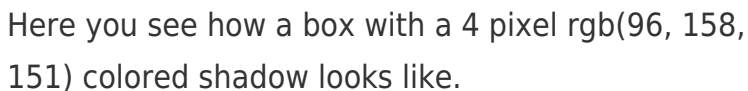
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 158, 151) }
```

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

```
.border{ border-color:rgb(96, 158, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(96, 158, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(96, 158, 151); box-shadow:4px 4px 4px 4px rgb(96, 158, 151) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 21.853, 186.992 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, 151) }
```

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

```
.background{ background-color: rgb(96, 158,  
151) }
```

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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