

# Converting Colors

CIELCh(61, 21.075, 197.568)

Have a look what the booklet for  
CIELCh(61, 21.075, 197.568)  
contains.

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# Color

**CIELCh(61, 21.179, 197.553)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F9E9E
RGB	95, 158, 158
RGB Percent	37%, 62%, 62%
CMY	0.6284, 0.3814, 0.3814
CMYK	0.40, 0.00, 0.00, 0.38
HSL	180°, 25%, 50%
HSV	180°, 40%, 62%
XYZ	23.0279, 29.2481, 36.6675
YIQ	139.1630, -37.5480, -13.3560

# Conversions

## Conversions Part 2

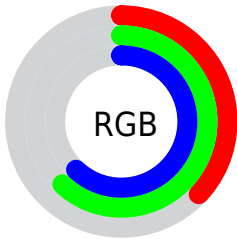
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 127, 158
Decimal	6266526
CIE Lab	61.00, -20.19, -6.39
CIE LCh	61, 21.179, 197.553
Yxy	29.2481, 0.2589, 0.3288
Android (android.graphics.Color)	4284456606 (0xFF5F9E9E)
YUV	139.1630, 9.2866, -38.7310
Hunter-Lab	54.0815, -18.6375, -2.3418

# Details

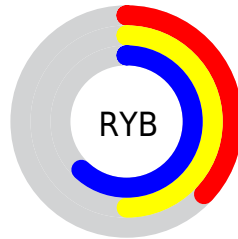
The CIELCh color **61, 21.179, 197.553** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **47, 27.917, 23.168**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 21.148, 197.924**, and **41, 21.106, 198.637** is the 20% darker color. If you saturate the color by 10%, you get **60, 25.212, 197.204**, and if you desaturate by 10%, it is **62, 16.548, 197.957**.

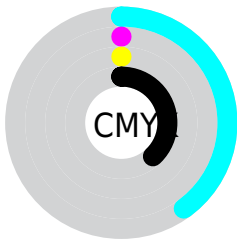
# Distribution



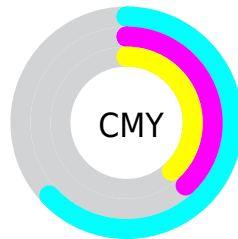
- Red (37%)
- Green (62%)
- Blue (62%)



- Red (37%)
- Yellow (50%)
- Blue (62%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (38%)




- Cyan (63%)
- Magenta (38%)
- Yellow (38%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 21.179, 197.553 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, 21.179, 197.553 by changing the saturation by 10% instead.





 61, 21.179,  
197.553


 61, 21.179,  
197.553


 100, 21.179,  
197.553


 51, 21.179,  
197.553


 81, 21.179,  
197.553

 41, 21.179,  
197.553

 91, 21.179,  
197.553

 31, 21.179,  
197.553

 21, 21.179,  
197.553

 11, 21.179,  
197.553

 1, 21.179, 197.553

 0, 21.179, 197.553

61, 21.179,  
197.553

61, 21.179,  
197.553

60, 25.212,  
197.204

62, 16.548,  
197.957

60, 28.572,  
196.919

63, 11.406,  
198.421

59, 31.211,  
196.699

64, 5.846, 198.955

59, 33.116,  
196.541

65, 0.041, 7.957

66, 6.169, 19.897

59, 34.314,  
196.443

68, 12.469, 20.520

59, 34.999,  
196.387

69, 18.876, 21.134

71, 25.342, 21.750

59, 35.003,  
196.386

73, 31.827, 22.368

# Harmonies

# Complementary

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



61, 21.179, 197.553



47, 27.917, 23.168

# Rectangle

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



61, 21.179, 197.553



61, 21.179, 247.553



61, 21.179, 17.553



61, 21.179, 67.553

# Sweetspot

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



61, 21.179, 197.550



80, 8.655, 198.824



60, 42.688, 141.130



42, 5.710, 198.759



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, 21.179, 197.550



76, 30.043, 197.236



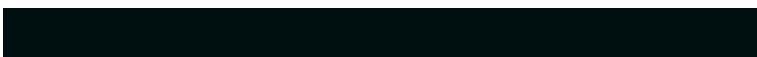
52, 20.266, 260.214



33, 3.339, 198.997



54, 32.544, 196.386



3, 4.473, 199.422





# Inverse Universe

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



47, 27.917, 23.168



56, 42.538, 24.709



55, 22.928, 68.830



31, 3.535, 19.900



29, 67.092, 39.161

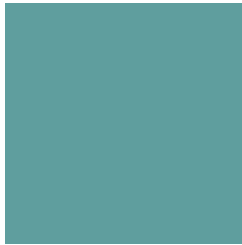


1, 4.473, 19.405



# Previews

## White Background



This preview shows how the CIELCh color 61, 21.179, 197.553 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, 21.179, 197.553 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

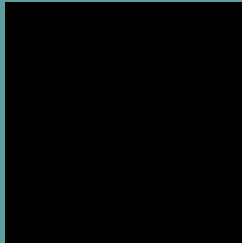
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# CIELCh 61, 21.179, 197.553

## Background



This preview shows how black text looks on a background with the CIELCh color 61, 21.179, 197.553.

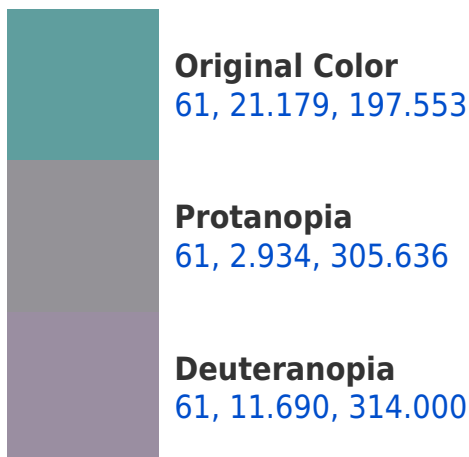


This preview shows how white text looks on a background with the CIELCh color 61, 21.179, 197.553.

# 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





**Tritanopia**  
61, 20.025, 219.514



# Trichromacy



**Original Color**  
61, 21.179, 197.553

**Protanomaly**  
61, 7.895, 211.179

**Deuteranomaly**  
60, 8.801, 249.539

**Tritanomaly**  
61, 20.149, 210.777

# Monochromacy



**Original Color**  
61, 21.179, 197.553

**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, 21.179, 197.553 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(95, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(95, 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(95, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 158, 158) }
```

## Border

The CSS property to change the border of an element to CIELCh 61, 21.179, 197.553 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(95, 158, 158) }
```

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

```
.border{ border-color:rgb(95, 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(95, 158, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(95, 158,  
158) }
```

# Background

The CSS property to change the background color of an element to CIELCh 61, 21.179, 197.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 158, 158) }
```

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

```
.background{ background-color: rgb(95, 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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