

Converting Colors

CIELCh(61, 22.697, 209.093)

Have a look what the booklet for
CIELCh(61, 22.697, 209.093)
contains.

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Color

CIELCh(61, 22.703, 209.084)

Conversions

Conversions Part 1

Format	Color
Hex	589EA6
RGB	88, 158, 166
RGB Percent	35%, 62%, 65%
CMY	0.6552, 0.3807, 0.3493
CMYK	0.47, 0.05, 0.00, 0.35
HSL	186°, 31%, 50%
HSV	186°, 47%, 65%
XYZ	23.1061, 29.2481, 40.4665
YIQ	137.9820, -44.2880, -12.3520

Conversions

Conversions Part 2

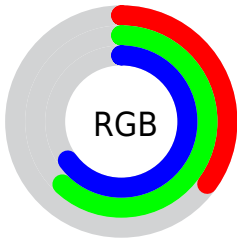
Format	Color
R _Y B	88, 125, 166
Decimal	5807782
CIE Lab	61.00, -19.84, -11.04
CIE LCh	61, 22.703, 209.084
Yxy	29.2481, 0.2489, 0.3151
Android (android.graphics.Color)	4283997862 (0xFF589EA6)
YUV	137.9820, 13.8129, -43.8342
Hunter-Lab	54.0815, -18.3793, -6.5066

Details

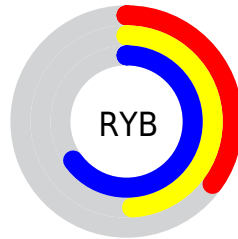
The CIELCh color **61, 22.703, 209.084** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 32.292, 31.559**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 22.678, 208.786**, and **41, 22.603, 209.512** is the 20% darker color. If you saturate the color by 10%, you get **60, 26.018, 209.551**, and if you desaturate by 10%, it is **62, 18.751, 208.802**.

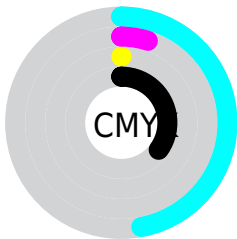
Distribution



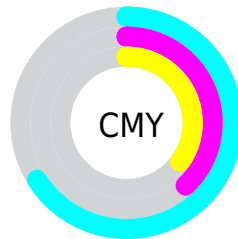
- Red (35%)
- Green (62%)
- Blue (65%)



- Red (35%)
- Yellow (49%)
- Blue (65%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)





- Cyan (66%)
- Magenta (38%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 22.703, 209.084 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, 22.703, 209.084 by changing the saturation by 10% instead.

 61, 22.703,
209.084


 61, 22.703,
209.084


 100, 22.703,
209.084


 51, 22.703,
209.084


 81, 22.703,
209.084

 41, 22.703,
209.084

 91, 22.703,
209.084

 31, 22.703,
209.084

 21, 22.703,
209.084

 11, 22.703,
209.084

 1, 22.703, 209.084

 0, 22.703, 209.084

61, 22.703,
209.084

61, 22.703,
209.084

60, 26.018,
209.551

62, 18.751,
208.802

59, 28.634,
210.247

64, 14.245,
208.681

58, 30.515,
211.207

65, 9.275, 208.697

57, 31.671,
212.471

67, 3.929, 208.866

69, 1.713, 28.638

56, 32.196,
214.049

70, 7.576, 29.095

56, 32.313,
214.541

72, 13.600, 29.408

74, 19.734, 29.738

77, 25.937, 30.086

Harmonies

Complementary

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



61, 22.703, 209.084



48, 32.292, 31.559

Rectangle

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



61, 22.703, 209.084



61, 22.703, 259.084



61, 22.703, 29.084



61, 22.703, 79.084

Sweetspot

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



61, 22.703, 209.082



84, 9.565, 208.724



62, 48.800, 143.447



44, 6.616, 208.703



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 22.703, 209.082



77, 31.760, 209.553



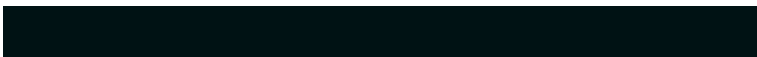
50, 28.597, 273.872



35, 3.190, 208.806



50, 29.718, 214.348



4, 5.792, 212.748

Inverse Universe

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



49, 48.525, 330.045



59, 70.142, 330.600



58, 30.115, 79.240



33, 5.993, 327.851



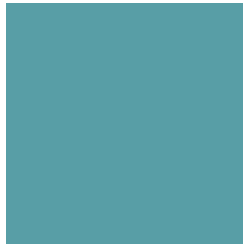
34, 71.142, 332.699



2, 10.596, 328.507

Previews

White Background



This preview shows how the CIELCh color 61, 22.703, 209.084 looks on a white background.

Color Contrast Check

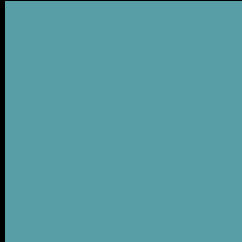
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.703, 209.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

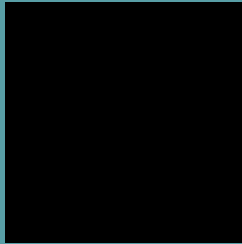
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 22.703, 209.084

Background



This preview shows how black text looks on a background with the CIELCh color 61, 22.703, 209.084.

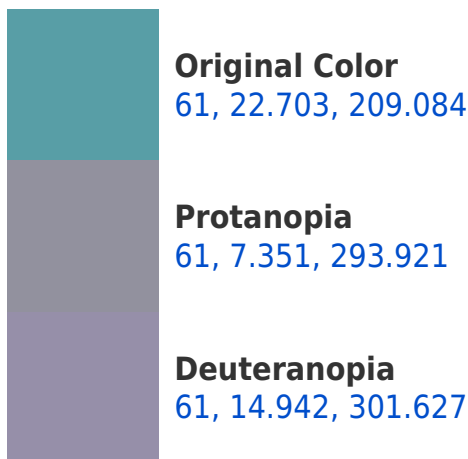


This preview shows how white text looks on a background with the CIELCh color 61, 22.703, 209.084.

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, 22.461, 216.871

Trichromacy



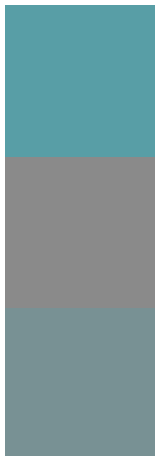
Original Color
61, 22.703, 209.084

Protanomaly
61, 10.719, 234.277

Deuteranomaly
60, 13.271, 257.633

Tritanomaly
61, 22.382, 215.389

Monochromacy



Original Color
61, 22.703, 209.084

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 9.311, 209.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 22.703, 209.084 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(88, 158, 166)` looks like.

```
.text, #text, p{  
    color:rgb(88, 158, 166)  
}
```

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(88, 158, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 158, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 22.703, 209.084 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(88, 158, 166) }
```

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

```
.border{ border-color:rgb(88, 158, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 158, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 158, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 158, 166);  
box-shadow:4px 4px 4px 4px rgb(88, 158,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 22.703, 209.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 158, 166) }
```

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

```
.background{ background-color: rgb(88, 158,  
166) }
```

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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