

Converting Colors

CIELCh(61, 23.766, 209.151)

Have a look what the booklet for
CIELCh(61, 23.766, 209.151)
contains.

CIELCh(61, 23.670, 209.955)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 23.670, 209.955)

Conversions

Conversions Part 1

Format	Color
Hex	549EA7
RGB	84, 158, 167
RGB Percent	33%, 62%, 65%
CMY	0.6694, 0.3793, 0.3440
CMYK	0.50, 0.05, 0.00, 0.34
HSL	187°, 33%, 49%
HSV	187°, 50%, 66%
XYZ	22.9581, 29.2481, 41.1313
YIQ	136.9000, -46.9930, -12.8890

Conversions

Conversions Part 2

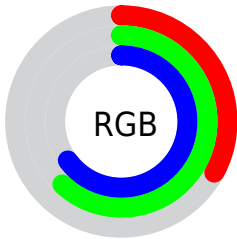
Format	Color
RYB	84, 123, 167
Decimal	5545639
CIELab	61.00, -20.51, -11.82
CIElCh	61, 23.670, 209.955
Yxy	29.2481, 0.2460, 0.3134
Android (android.graphics.Color)	4283735719 (0xFF549EA7)
YUV	136.9000, 14.8393, -46.3933
Hunter-Lab	54.0815, -18.8679, -7.2355

Details

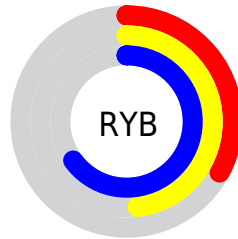
The CIELCh color **61, 23.670, 209.955** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 34.484, 32.317**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 23.771, 209.540**, and **41, 23.624, 210.414** is the 20% darker color. If you saturate the color by 10%, you get **60, 26.814, 210.533**, and if you desaturate by 10%, it is **62, 19.869, 209.581**.

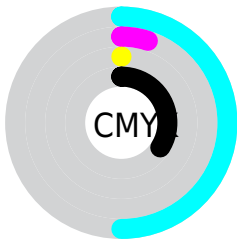
Distribution



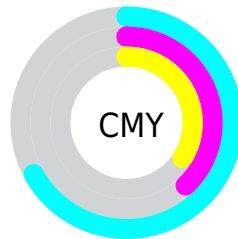
- Red (33%)
- Green (62%)
- Blue (65%)



- Red (33%)
- Yellow (48%)
- Blue (65%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (34%)





- Cyan (67%)
- Magenta (38%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 23.670, 209.955 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, 23.670, 209.955 by changing the saturation by 10% instead.


 61, 23.670,
209.955


 61, 23.670,
209.955


 100, 23.670,
209.955


 51, 23.670,
209.955


 81, 23.670,
209.955

 41, 23.670,
209.955

 91, 23.670,
209.955

 31, 23.670,
209.955

 21, 23.670,
209.955

 11, 23.670,
209.955

 1, 23.670, 209.955

 0, 23.670, 209.955

61, 23.670,
209.955

61, 23.670,
209.955

60, 26.814,
210.533

62, 19.869,
209.581

59, 29.245,
211.362

64, 15.491,
209.384

58, 30.937,
212.481

65, 10.625,
209.333

57, 31.916,
213.931

67, 5.359, 209.424

69, 0.223, 27.281

56, 32.357,
215.674

71, 6.045, 29.588

56, 32.373,
215.743

72, 12.043, 29.883

75, 18.165, 30.189

77, 24.367, 30.515

Harmonies

Complementary

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



61, 23.670, 209.955



48, 34.484, 32.317

Rectangle

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



61, 23.670, 209.955



61, 23.670, 259.955



61, 23.670, 29.955



61, 23.670, 79.955

Sweetspot

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



61, 23.670, 209.953



83, 10.168, 209.353



62, 51.650, 143.148



44, 6.951, 209.340



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, 23.670, 209.953



76, 33.011, 210.638



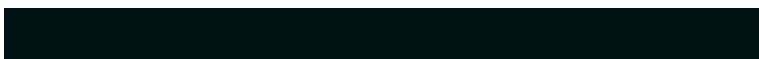
49, 30.404, 274.553



35, 3.174, 209.430



50, 29.595, 215.523



4, 5.760, 213.576

Inverse Universe

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



48, 51.080, 330.394



58, 73.864, 331.031



58, 32.090, 78.871



33, 5.968, 328.034



34, 70.820, 332.987



2, 10.539, 328.754

Previews

White Background



This preview shows how the CIELCh color 61, 23.670, 209.955 looks on a white background.

Color Contrast Check

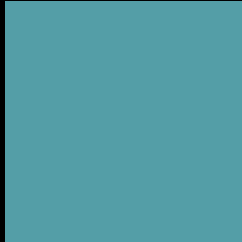
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.670, 209.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

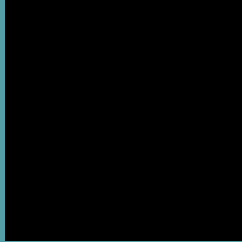
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

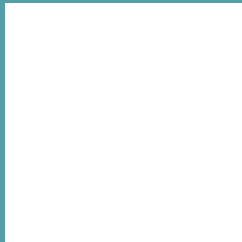
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 23.670, 209.955

Background



This preview shows how black text looks on a background with the CIELCh color 61, 23.670, 209.955.

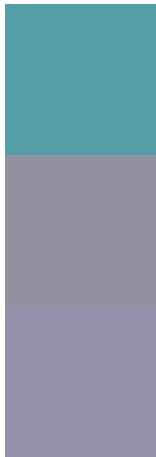


This preview shows how white text looks on a background with the CIELCh color 61, 23.670, 209.955.

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, 23.670, 209.955

Protanopia
61, 7.900, 291.066

Deuteranopia
61, 15.995, 299.719



Tritanopia
61, 23.616, 215.796

Trichromacy



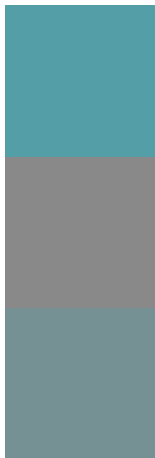
Original Color
61, 23.670, 209.955

Protanomaly
60, 11.551, 234.764

Deuteranomaly
61, 14.241, 255.571

Tritanomaly
61, 23.551, 214.380

Monochromacy



Original Color
61, 23.670, 209.955

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 9.993, 208.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 23.670, 209.955 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(84, 158, 167)` looks like.

```
.text, #text, p{  
    color:rgb(84, 158, 167)  
}
```

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(84, 158, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 158, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 23.670, 209.955 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(84, 158, 167) }
```

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

```
.border{ border-color:rgb(84, 158, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 158, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 158, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 158, 167);  
box-shadow:4px 4px 4px 4px rgb(84, 158,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 23.670, 209.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 158, 167) }
```

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

```
.background{ background-color: rgb(84, 158,  
167) }
```

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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