

Converting Colors

CIELCh(61, 25.549, 221.585)

Have a look what the booklet for
CIELCh(61, 25.549, 221.585)
contains.

CIELCh(61, 25.555, 221.148)	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, 25.555, 221.148)

Conversions

Conversions Part 1

Format	Color
Hex	4E9EB0
RGB	78, 158, 176
RGB Percent	31%, 62%, 69%
CMY	0.6937, 0.3800, 0.3094
CMYK	0.56, 0.10, 0.00, 0.31
HSL	191°, 39%, 50%
HSV	191°, 56%, 69%
XYZ	23.2390, 29.2481, 45.5447
YIQ	136.1320, -53.4580, -11.3620

Conversions

Conversions Part 2

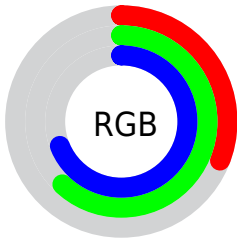
Format	Color
RYB	78, 122, 176
Decimal	5152432
CIELab	61.00, -19.24, -16.82
CIElCh	61, 25.555, 221.148
Yxy	29.2481, 0.2371, 0.2984
Android (android.graphics.Color)	4283342512 (0xFF4E9EB0)
YUV	136.1320, 19.6549, -50.9818
Hunter-Lab	54.0815, -17.9407, -12.0739

Details

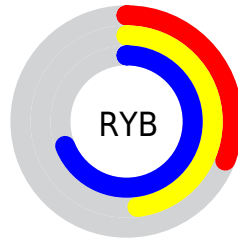
The CIELCh color **61, 25.555, 221.148** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 39.238, 38.819**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 25.566, 221.366**, and **41, 25.465, 221.188** is the 20% darker color. If you saturate the color by 10%, you get **59, 28.355, 222.713**, and if you desaturate by 10%, it is **63, 22.097, 219.959**.

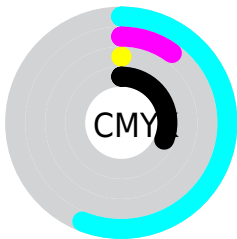
Distribution



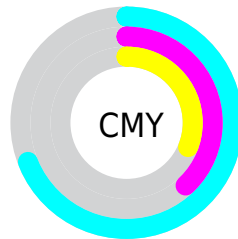
- Red (31%)
- Green (62%)
- Blue (69%)



- Red (31%)
- Yellow (48%)
- Blue (69%)



- Cyan (56%)
- Magenta (10%)
- Yellow (0%)
- Black (31%)





- Cyan (69%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 25.555, 221.148 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, 25.555, 221.148 by changing the saturation by 10% instead.


 61, 25.555,
221.148


 61, 25.555,
221.148


 100, 25.555,
221.148


 51, 25.555,
221.148


 81, 25.555,
221.148

 41, 25.555,
221.148

 91, 25.555,
221.148

 31, 25.555,
221.148

 21, 25.555,
221.148

 11, 25.555,
221.148

 1, 25.555, 221.148

 0, 25.555, 221.148

61, 25.555,
221.148

61, 25.555,
221.148

59, 28.355,
222.713

63, 22.097,
219.959

58, 30.467,
224.736

65, 18.046,
219.083

57, 31.908,
227.289

66, 13.480,
218.458

56, 32.763,
230.420

68, 8.485, 218.044

55, 33.069,
231.863

71, 3.143, 217.862

73, 2.472, 37.342

75, 8.294, 37.417

78, 14.270, 37.448

80, 20.353, 37.518

Harmonies

Complementary

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



61, 25.555, 221.148



50, 39.238, 38.819

Rectangle

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



61, 25.555, 221.148



61, 25.555, 271.148



61, 25.555, 41.148



61, 25.555, 91.148

Sweetspot

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



61, 25.554, 221.146



87, 11.380, 218.099



65, 56.371, 144.875



45, 7.560, 218.170



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 25.554, 221.146



76, 35.295, 223.178



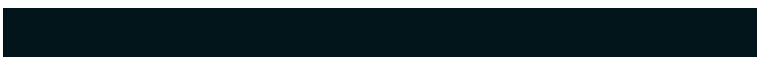
47, 40.108, 282.835



37, 3.158, 217.888



48, 29.799, 231.421



5, 7.545, 226.650

Inverse Universe

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



48, 55.932, 333.568



58, 79.699, 334.465



62, 39.643, 85.153



35, 5.944, 330.501



34, 68.552, 337.024



2, 13.529, 332.761

Previews

White Background



This preview shows how the CIELCh color 61, 25.555, 221.148 looks on a white background.

Color Contrast Check

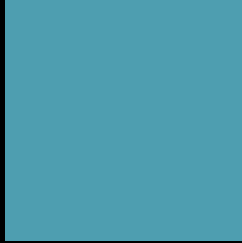
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.555, 221.148 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, 25.555, 221.148

Background



This preview shows how black text looks on a background with the CIELCh color 61, 25.555, 221.148.

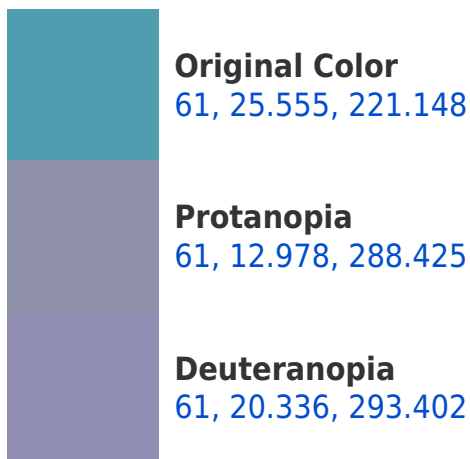



This preview shows how white text looks on a background with the CIELCh color 61, 25.555, 221.148.

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, 25.769, 214.053

Trichromacy



Original Color
61, 25.555, 221.148

Protanomaly
60, 15.587, 248.540

Deuteranomaly
60, 19.019, 262.465

Tritanomaly
61, 25.619, 215.519

Monochromacy



Original Color
61, 25.555, 221.148

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 11.070, 219.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 25.555, 221.148 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(78, 158, 176)` looks like.

```
.text, #text, p{  
    color:rgb(78, 158, 176)  
}
```

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(78, 158, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 158, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 25.555, 221.148 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(78, 158, 176) }
```

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

```
.border{ border-color:rgb(78, 158, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 158, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 158, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 158, 176);  
box-shadow:4px 4px 4px 4px rgb(78, 158,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 25.555, 221.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 158, 176) }
```

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

```
.background{ background-color: rgb(78, 158,  
176) }
```

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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