

Converting Colors

CIELCh(61, 27.799, 229.627)

Have a look what the booklet for
CIELCh(61, 27.799, 229.627)
contains.

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Color

CIELCh(61, 27.843, 229.679)

Conversions

Conversions Part 1

Format	Color
Hex	489EB8
RGB	72, 158, 184
RGB Percent	28%, 62%, 72%
CMY	0.7181, 0.3808, 0.2788
CMYK	0.61, 0.14, 0.00, 0.28
HSL	194°, 44%, 50%
HSV	194°, 61%, 72%
XYZ	23.5137, 29.2481, 49.6961
YIQ	135.2500, -59.6020, -10.1460

Conversions

Conversions Part 2

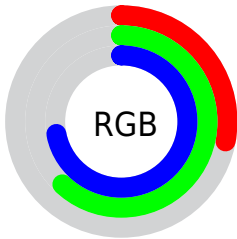
Format	Color
R_{YB}	72, 121, 184
Decimal	4759224
CIE _{Lab}	61.00, -18.02, -21.23
CIE _{LCh}	61, 27.843, 229.679
Yxy	29.2481, 0.2295, 0.2855
Android (android.graphics.Color)	4282949304 (0xFF489EB8)
YUV	135.2500, 24.0338, -55.4703
Hunter-Lab	54.0815, -17.0342, -16.6251

Details

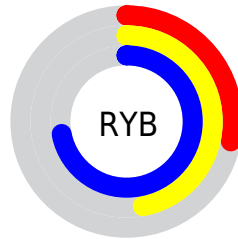
The CIELCh color **61, 27.843, 229.679** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **51, 44.159, 43.084**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 27.744, 229.379**, and **41, 26.647, 232.390** is the 20% darker color. If you saturate the color by 10%, you get **59, 30.521, 232.069**, and if you desaturate by 10%, it is **63, 24.532, 227.800**.

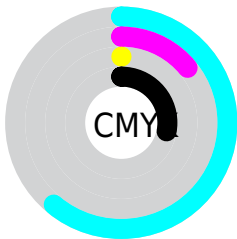
Distribution



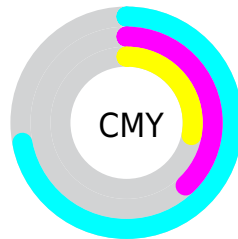
- Red (28%)
- Green (62%)
- Blue (72%)



- Red (28%)
- Yellow (47%)
- Blue (72%)



- Cyan (61%)
- Magenta (14%)
- Yellow (0%)
- Black (28%)





- Cyan (72%)
- Magenta (38%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 27.843, 229.679 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, 27.843, 229.679 by changing the saturation by 10% instead.


 61, 27.843,
229.679


 61, 27.843,
229.679


 100, 27.843,
229.679


 51, 27.843,
229.679


 81, 27.843,
229.679

 41, 27.843,
229.679

 91, 27.843,
229.679

 31, 27.843,
229.679

 21, 27.843,
229.679

 11, 27.843,
229.679

 1, 27.843, 229.679

 0, 27.843, 229.679

61, 27.843,
229.679

61, 27.843,
229.679

59, 30.521,
232.069

63, 24.532,
227.800

57, 32.576,
235.059

65, 20.629,
226.347

56, 34.074,
238.709

67, 16.199,
225.239

55, 35.148,
242.471

70, 11.318,
224.413

72, 6.067, 223.827

75, 0.520, 224.255

77, 5.258, 42.874

80, 11.208, 42.706

82, 17.284, 42.583

Harmonies

Complementary

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



61, 27.843, 229.679



51, 44.159, 43.084

Rectangle

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



61, 27.843, 229.679



61, 27.843, 279.679



61, 27.843, 49.679



61, 27.843, 99.679

Sweetspot

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



61, 27.842, 229.678



89, 12.175, 224.237



67, 61.693, 145.197



47, 8.385, 224.433



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 27.842, 229.678



75, 38.143, 232.990



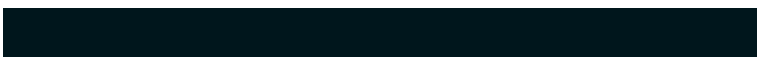
45, 47.991, 286.603



38, 3.158, 223.759



47, 30.979, 241.841



6, 8.515, 234.620

Inverse Universe

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



49, 60.347, 336.025



58, 84.274, 337.219



64, 45.859, 87.036



36, 5.878, 332.235



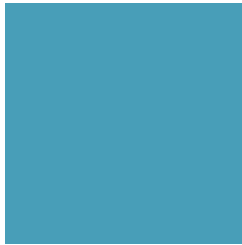
35, 66.972, 339.979



3, 14.932, 335.605

Previews

White Background



This preview shows how the CIE LCh color 61, 27.843, 229.679 looks on a white background.

Color Contrast Check

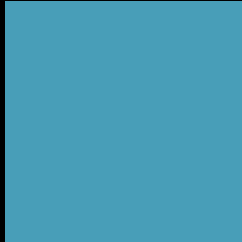
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.843, 229.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

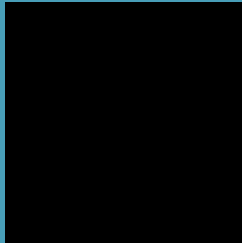
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 27.843, 229.679

Background



This preview shows how black text looks on a background with the CIELCh color 61, 27.843, 229.679.




This preview shows how white text looks on a background with the CIELCh color 61, 27.843, 229.679.

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, 27.706, 212.702

Trichromacy



Original Color
61, 27.843, 229.679

Protanomaly
60, 19.180, 254.655

Deuteranomaly
61, 23.120, 264.118

Tritanomaly
61, 27.432, 219.289

Monochromacy



Original Color
61, 27.843, 229.679

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 12.235, 226.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 27.843, 229.679 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(72, 158, 184)` looks like.

```
.text, #text, p{  
    color:rgb(72, 158, 184)  
}
```

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(72, 158, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 158, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 27.843, 229.679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

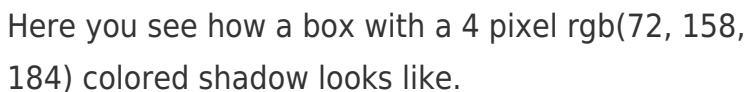
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(72, 158, 184) }
```

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

```
.border{ border-color:rgb(72, 158, 184) }
```

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



Here you see how a box with a 4 pixel rgb(72, 158, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 158, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 158, 184);  
box-shadow:4px 4px 4px 4px rgb(72, 158,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 27.843, 229.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 158, 184) }
```

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

```
.background{ background-color: rgb(72, 158,  
184) }
```

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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