

Converting Colors

CIELCh(61, 18.112, 225.061)

Have a look what the booklet for
CIELCh(61, 18.112, 225.061)
contains.

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Color

CIELCh(61, 18.128, 224.076)

Conversions

Conversions Part 1

Format	Color
Hex	699BA9
RGB	105, 155, 169
RGB Percent	41%, 61%, 66%
CMY	0.5888, 0.3927, 0.3378
CMYK	0.38, 0.08, 0.00, 0.34
HSL	193°, 27%, 54%
HSV	193°, 38%, 66%
XYZ	24.6537, 29.2481, 41.8102
YIQ	141.6460, -34.2940, -6.2460

Conversions

Conversions Part 2

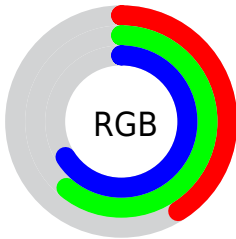
Format	Color
R_{YB}	105, 133, 169
Decimal	6921129
CIE _{Lab}	61.00, -13.02, -12.61
CIE _{LCh}	61, 18.128, 224.076
Yxy	29.2481, 0.2576, 0.3056
Android (android.graphics.Color)	4285111209 (0xFF699BA9)
YUV	141.6460, 13.4855, -32.1385
Hunter-Lab	54.0815, -13.2714, -7.9798

Details

The CIELCh color **61, 18.128, 224.076** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **55, 23.574, 41.172**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 17.954, 224.918**, and **41, 18.156, 223.672** is the 20% darker color. If you saturate the color by 10%, you get **59, 21.927, 225.290**, and if you desaturate by 10%, it is **63, 13.849, 223.159**.

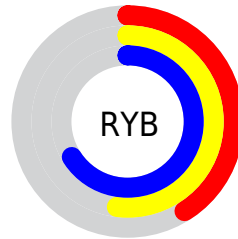
Distribution



Red (41%)

Green (61%)

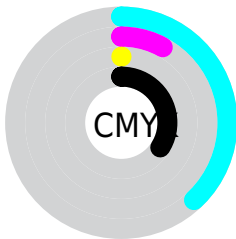
Blue (66%)



Red (41%)

Yellow (52%)

Blue (66%)

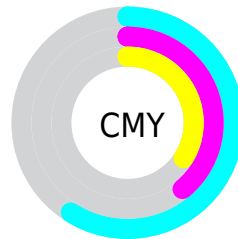


Cyan (38%)

Magenta (8%)

Yellow (0%)

Black (34%)



Cyan (59%)


Magenta (39%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 18.128, 224.076 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, 18.128, 224.076 by changing the saturation by 10% instead.


 61, 18.128,
224.076


 61, 18.128,
224.076


 100, 18.128,
224.076


 51, 18.128,
224.076


 81, 18.128,
224.076

 41, 18.128,
224.076

 91, 18.128,
224.076

 31, 18.128,
224.076

 21, 18.128,
224.076

 11, 18.128,
224.076

 1, 18.128, 224.076

 0, 18.128, 224.076

61, 18.128,
224.076

61, 18.128,
224.076

59, 21.927,
225.290

63, 13.849,
223.159

57, 25.177,
226.882

65, 9.165, 222.495

56, 27.832,
228.929

67, 4.151, 222.063

70, 1.124, 41.181

54, 29.876,
231.517

72, 6.601, 41.301

53, 31.348,
234.720

74, 12.228, 41.193

77, 17.964, 41.132

51, 32.388,
238.509

80, 23.773, 41.119

51, 32.603,
239.313

82, 28.920, 41.604

Harmonies

Complementary

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



61, 18.128, 224.076



55, 23.574, 41.172

Rectangle

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



61, 18.128, 224.076



61, 18.128, 274.076



61, 18.128, 44.076



61, 18.128, 94.076

Sweetspot

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



61, 18.128, 224.073



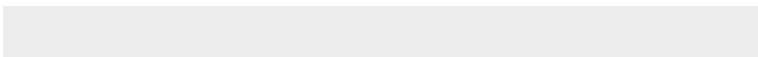
84, 7.093, 222.175



64, 37.013, 148.078



44, 4.743, 222.228



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, 18.128, 224.073



76, 25.731, 225.007



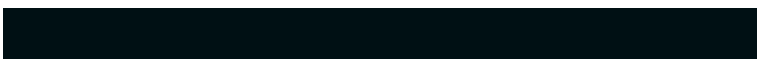
52, 27.054, 280.866



34, 2.956, 222.105



45, 29.530, 238.809



4, 5.402, 229.509

Inverse Universe

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



53, 37.125, 333.678



64, 53.995, 334.250



63, 26.640, 90.205



33, 5.522, 331.737



33, 65.209, 339.079



2, 9.557, 333.619

Previews

White Background



This preview shows how the CIELCh color 61, 18.128, 224.076 looks on a white background.

Color Contrast Check

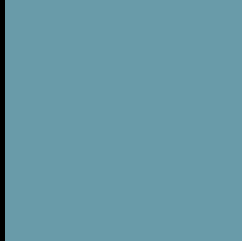
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 61, 18.128, 224.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

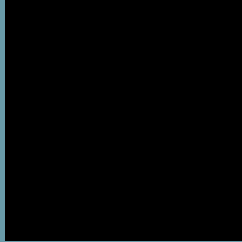
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 18.128, 224.076

Background



This preview shows how black text looks on a background with the CIELCh color 61, 18.128, 224.076.



This preview shows how white text looks on a background with the CIELCh color 61, 18.128, 224.076.

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, 18.128, 224.076

Protanopia
61, 9.595, 286.849

Deuteranopia
61, 15.995, 299.719



Tritanopia
61, 17.965, 222.312

Trichromacy



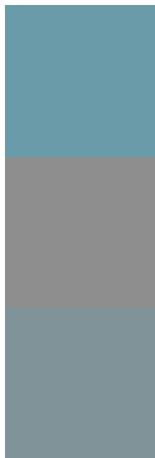
Original Color
61, 18.128, 224.076

Protanomaly
61, 11.111, 253.544

Deuteranomaly
61, 13.739, 270.509

Tritanomaly
61, 17.965, 222.312

Monochromacy



Original Color
61, 18.128, 224.076

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 7.500, 221.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 18.128, 224.076 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(105, 155, 169)` looks like.

```
.text, #text, p{  
    color:rgb(105, 155, 169)  
}
```

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(105, 155, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 155, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 18.128, 224.076 is called "border". The border property can be set on classes, ids or directly on the HTML element.

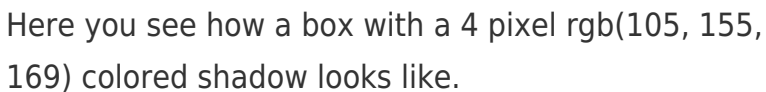
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 155, 169) }
```

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

```
.border{ border-color:rgb(105, 155, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 155, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 155, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 155, 169); box-shadow:4px 4px 4px 4px rgb(105, 155, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 18.128, 224.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 155, 169) }
```

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

```
.background{ background-color: rgb(105,  
155, 169) }
```

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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