

Converting Colors

CIELCh(61, 17.961, 222.293)

Have a look what the booklet for
CIELCh(61, 17.961, 222.293)
contains.

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Color

CIELCh(61, 17.965, 222.312)

Conversions

Conversions Part 1

Format	Color
Hex	699BA8
RGB	105, 155, 168
RGB Percent	41%, 61%, 66%
CMY	0.5884, 0.3924, 0.3414
CMYK	0.38, 0.08, 0.00, 0.34
HSL	192°, 27%, 54%
HSV	192°, 38%, 66%
XYZ	24.5931, 29.2481, 41.3661
YIQ	141.5320, -33.9730, -6.5570

Conversions

Conversions Part 2

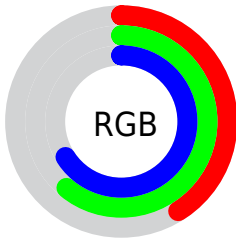
Format	Color
R_{YB}	105, 133, 168
Decimal	6921128
CIE _{Lab}	61.00, -13.28, -12.09
CIE _{LCh}	61, 17.965, 222.312
Yxy	29.2481, 0.2583, 0.3072
Android (android.graphics.Color)	4285111208 (0xFF699BA8)
YUV	141.5320, 13.0487, -32.0386
Hunter-Lab	54.0815, -13.4714, -7.4928

Details

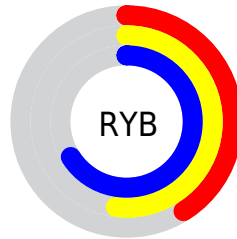
The CIELCh color $61, 17.965, 222.312$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $54, 23.353, 39.959$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 17.888, 221.194$, and $41, 18.012, 221.718$ is the 20% darker color. If you saturate the color by 10%, you get $59, 21.764, 223.413$, and if you desaturate by 10%, it is $63, 13.679, 221.491$.

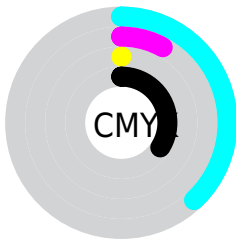
Distribution



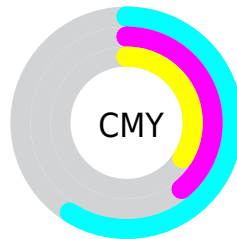
- Red (41%)
- Green (61%)
- Blue (66%)



- 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, 17.965, 222.312 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, 17.965, 222.312 by changing the saturation by 10% instead.


 61, 17.965,
222.312


 61, 17.965,
222.312


 100, 17.965,
222.312


 51, 17.965,
222.312


 81, 17.965,
222.312

 41, 17.965,
222.312

 91, 17.965,
222.312

 31, 17.965,
222.312

 21, 17.965,
222.312

 11, 17.965,
222.312

 1, 17.965, 222.312

 0, 17.965, 222.312

61, 17.965,
222.312

61, 17.965,
222.312

59, 21.764,
223.413

63, 13.679,
221.491

57, 25.006,
224.871

65, 8.984, 220.909

67, 3.956, 220.554

56, 27.639,
226.759

69, 1.337, 39.794

54, 29.644,
229.160

72, 6.832, 39.905

53, 31.053,
232.150

74, 12.478, 39.845

77, 18.232, 39.829

52, 31.992,
235.722

79, 24.059, 39.857

51, 32.218,
236.627

81, 29.504, 40.169

Harmonies

Complementary

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



61, 17.965, 222.312



54, 23.353, 39.959

Rectangle

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



61, 17.965, 222.312



61, 17.965, 272.312



61, 17.965, 42.312



61, 17.965, 92.312

Sweetspot

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



61, 17.965, 222.309



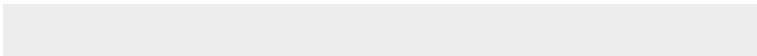
84, 7.133, 220.653



64, 36.934, 147.558



44, 4.769, 220.697



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, 17.965, 222.309



76, 25.818, 223.204



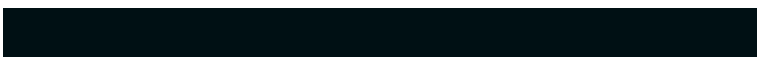
52, 26.086, 279.626



35, 2.973, 220.595



46, 29.312, 236.166



4, 5.419, 227.714

Inverse Universe

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



53, 36.905, 333.171



64, 54.448, 333.756



62, 25.877, 88.986



33, 5.571, 331.290



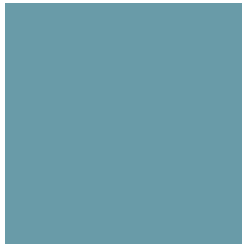
33, 65.796, 338.324



2, 9.659, 333.049

Previews

White Background



This preview shows how the CIELCh color 61, 17.965, 222.312 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, 17.965, 222.312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

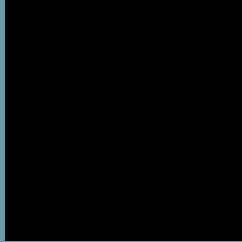
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 17.965, 222.312

Background



This preview shows how black text looks on a background with the CIELCh color 61, 17.965, 222.312.



This preview shows how white text looks on a background with the CIELCh color 61, 17.965, 222.312.

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, 17.965, 222.312

Protanopia
61, 9.018, 288.836

Deuteranopia
61, 15.438, 299.966



Tritanopia
61, 17.819, 220.520

Trichromacy



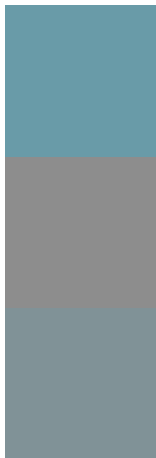
Original Color
61, 17.965, 222.312

Protanomaly
61, 10.685, 251.559

Deuteranomaly
61, 13.222, 269.509

Tritanomaly
61, 17.819, 220.520

Monochromacy



Original Color
61, 17.965, 222.312

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 7.178, 222.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 17.965, 222.312 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(105, 155, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 155, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 17.965, 222.312 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, 168) }
```

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

```
.border{ border-color:rgb(105, 155, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 155, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 155, 168);  
box-shadow:4px 4px 4px 4px rgb(105, 155,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 17.965, 222.312 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, 168) }
```

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

```
.background{ background-color: rgb(105,  
155, 168) }
```

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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