

Converting Colors

CIELCh(61, 17.779, 165.144)

Have a look what the booklet for
CIELCh(61, 17.779, 165.144)
contains.

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Color

CIELCh(61, 17.931, 165.545)

Conversions

Conversions Part 1

Format	Color
Hex	749C8B
RGB	116, 156, 139
RGB Percent	45%, 61%, 55%
CMY	0.5460, 0.3892, 0.4558
CMYK	0.26, 0.00, 0.11, 0.39
HSL	155°, 17%, 53%
HSV	155°, 26%, 61%
XYZ	23.6607, 29.2481, 28.7326
YIQ	142.1020, -18.3830, -13.7670

Conversions

Conversions Part 2

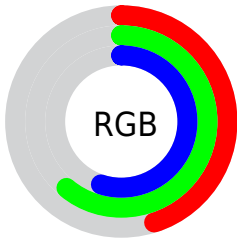
Format	Color
RYB	116, 141, 156
Decimal	7642251
CIELab	61.00, -17.36, 4.48
CIElCh	61, 17.931, 165.545
Yxy	29.2481, 0.2898, 0.3583
Android (android.graphics.Color)	4285832331 (0xFF749C8B)
YUV	142.1020, -1.5293, -22.8915
Hunter-Lab	54.0815, -16.5488, 6.3574

Details

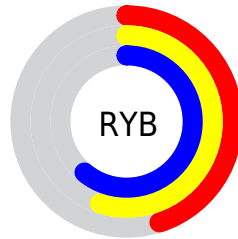
The CIELCh color $61, 17.931, 165.545$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $53, 18.746, 350.348$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 18.234, 164.513$, and $41, 18.353, 165.301$ is the 20% darker color. If you saturate the color by 10%, you get $60, 24.644, 164.439$, and if you desaturate by 10%, it is $62, 11.016, 166.549$.

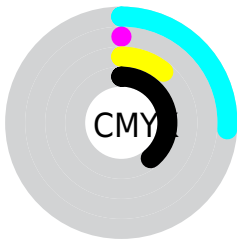
Distribution



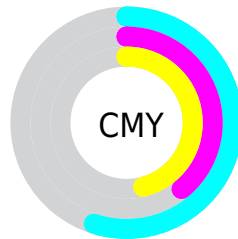
- Red (45%)
- Green (61%)
- Blue (55%)



- Red (45%)
- Yellow (55%)
- Blue (61%)



- Cyan (26%)
- Magenta (0%)
- Yellow (11%)
- Black (39%)





- Cyan (55%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 17.931, 165.545 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, 17.931, 165.545 by changing the saturation by 10% instead.


 61, 17.931,
165.545


 61, 17.931,
165.545


 100, 17.931,
165.545


 51, 17.931,
165.545


 81, 17.931,
165.545

 41, 17.931,
165.545

 91, 17.931,
165.545

 31, 17.931,
165.545

 21, 17.931,
165.545

 11, 17.931,
165.545

 1, 17.931, 165.545

 0, 17.931, 165.545

61, 17.931,
165.545

61, 17.931,
165.545

60, 24.644,
164.439

62, 11.016,
166.549

59, 31.043,
163.211

63, 3.995, 167.511

58, 37.015,
161.836

65, 3.048, 348.134

58, 42.455,
160.289

66, 10.048,
348.986

57, 47.280,
158.550

68, 16.955,
349.718

57, 51.451,
156.607

70, 23.732,
350.396


57, 54.997,
154.476

72, 30.355,
351.033

57, 56.452,

74, 36.809,
351.634

153.578

 75, 42.796,
351.911

Harmonies

Complementary

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



61, 17.931, 165.545



53, 18.746, 350.348

Rectangle

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



61, 17.931, 165.545



61, 17.931, 215.545



61, 17.931, 345.545



61, 17.931, 35.545

Sweetspot

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



61, 17.932, 165.543



80, 6.944, 167.267



62, 24.075, 130.236



42, 4.974, 167.131



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 17.932, 165.543



76, 26.541, 164.904



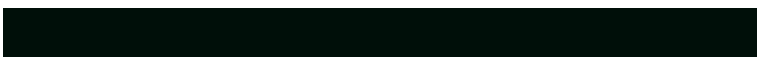
61, 13.347, 204.750



33, 4.028, 167.161



52, 52.789, 153.767



3, 5.394, 166.179

Inverse Universe

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



53, 18.746, 350.348



65, 28.031, 351.043



53, 15.877, 26.632



31, 4.096, 348.655



30, 54.844, 8.106



1, 5.215, 349.223

Previews

White Background



This preview shows how the CIELCh color 61, 17.931, 165.545 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, 17.931, 165.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

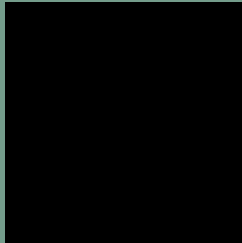
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 17.931, 165.545

Background



This preview shows how black text looks on a background with the CIELCh color 61, 17.931, 165.545.

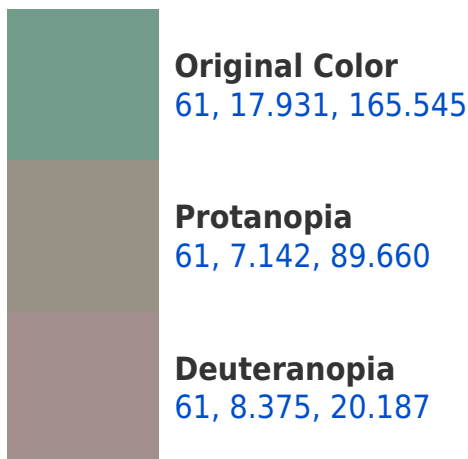


This preview shows how white text looks on a background with the CIELCh color 61, 17.931, 165.545.

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, 12.623, 231.135

Trichromacy



Original Color
61, 17.931, 165.545

Protanomaly
61, 9.005, 137.987

Deuteranomaly
61, 3.392, 116.423

Tritanomaly
61, 12.256, 203.642

Monochromacy



Original Color
61, 17.931, 165.545

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 6.734, 168.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 17.931, 165.545 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(116, 156, 139)` looks like.

```
.text, #text, p{  
    color:rgb(116, 156, 139)  
}
```

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(116, 156, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 156, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 17.931, 165.545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

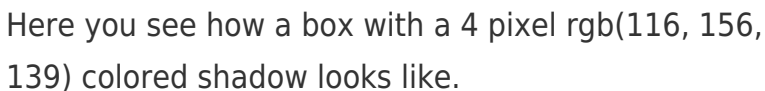
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 156, 139) }
```

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

```
.border{ border-color:rgb(116, 156, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 156, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 156, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 156, 139); box-shadow:4px 4px 4px 4px rgb(116, 156, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 17.931, 165.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 156, 139) }
```

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

```
.background{ background-color: rgb(116,  
156, 139) }
```

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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