

Converting Colors

CIELCh(61, 12.861, 195.782)

Have a look what the booklet for
CIELCh(61, 12.861, 195.782)
contains.

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Color

CIELCh(61, 13.039, 195.755)

Conversions

Conversions Part 1

Format	Color
Hex	769A99
RGB	118, 154, 153
RGB Percent	46%, 60%, 60%
CMY	0.5374, 0.3962, 0.4001
CMYK	0.23, 0.00, 0.01, 0.40
HSL	178°, 15%, 53%
HSV	178°, 23%, 60%
XYZ	24.7639, 29.2481, 34.4626
YIQ	143.1220, -21.1350, -7.9430

Conversions

Conversions Part 2

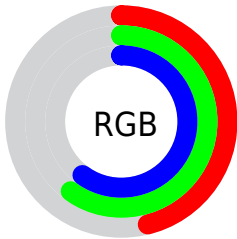
Format	Color
RYB	118, 136, 154
Decimal	7772825
CIELab	61.00, -12.55, -3.54
CIElCh	61, 13.039, 195.755
Yxy	29.2481, 0.2799, 0.3306
Android (android.graphics.Color)	4285962905 (0xFF769A99)
YUV	143.1220, 4.8699, -22.0320
Hunter-Lab	54.0815, -12.9078, 0.0755

Details

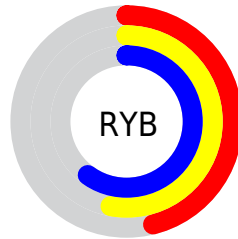
The CIELCh color `61, 13.039, 195.755` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `53, 15.058, 18.945`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 12.871, 196.124`, and `41, 13.202, 195.168` is the 20% darker color. If you saturate the color by 10%, you get `60, 17.980, 195.197`, and if you desaturate by 10%, it is `62, 7.677, 196.346`.

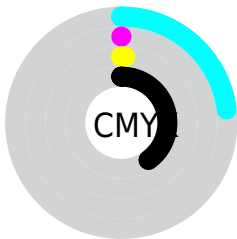
Distribution



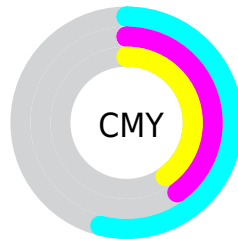
- Red (46%)
- Green (60%)
- Blue (60%)



- Red (46%)
- Yellow (53%)
- Blue (60%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)





- Cyan (54%)
- Magenta (40%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 13.039, 195.755 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, 13.039, 195.755 by changing the saturation by 10% instead.


 61, 13.039,
195.755


 61, 13.039,
195.755


 100, 13.039,
195.755


 51, 13.039,
195.755


 81, 13.039,
195.755

 41, 13.039,
195.755

 91, 13.039,
195.755

 31, 13.039,
195.755

 21, 13.039,
195.755

 11, 13.039,
195.755

 1, 13.039, 195.755

 0, 13.039, 195.755

61, 13.039,
195.755

61, 13.039,
195.755

60, 17.980,
195.197

62, 7.677, 196.346

59, 22.406,
194.680

63, 1.983, 197.111

64, 3.957, 17.384

59, 26.233,
194.196

66, 10.071, 18.084

58, 29.392,
193.744

67, 16.294, 18.740

69, 22.577, 19.392

58, 31.841,
193.318

71, 28.877, 20.041

58, 33.575,
192.913

72, 35.164, 20.685

74, 40.787, 21.226

57, 34.634,
192.518

57, 35.127,

Harmonies

Complementary

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



61, 13.039, 195.755



53, 15.058, 18.945

Rectangle

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



61, 13.039, 195.755



61, 13.039, 245.755



61, 13.039, 15.755



61, 13.039, 65.755

Sweetspot

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



61, 13.040, 195.750



79, 5.021, 196.766



60, 24.528, 142.123



41, 3.250, 196.727



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 13.040, 195.750



77, 18.913, 195.460



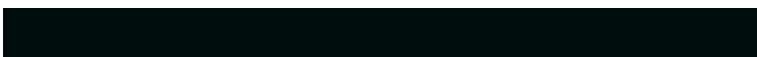
56, 11.639, 255.000



32, 3.258, 196.617



53, 32.807, 192.293



3, 3.601, 196.799

Inverse Universe

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



53, 15.058, 18.945



65, 22.623, 19.524



57, 12.535, 69.011



30, 3.439, 17.640



28, 65.183, 37.942



1, 3.600, 17.127

Previews

White Background



This preview shows how the CIELCh color 61, 13.039, 195.755 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, 13.039, 195.755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

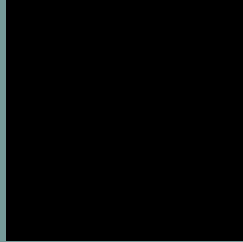
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

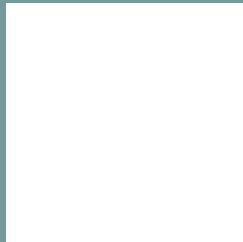
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 13.039, 195.755

Background



This preview shows how black text looks on a background with the CIELCh color 61, 13.039, 195.755.

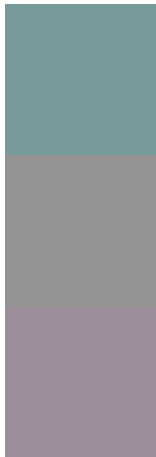


This preview shows how white text looks on a background with the CIELCh color 61, 13.039, 195.755.

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, 13.039, 195.755

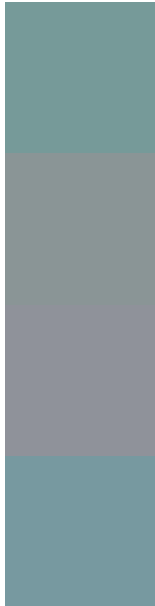
Protanopia
61, 1.632, 335.630

Deuteranopia
61, 9.358, 328.832



Tritanopia
61, 12.899, 230.339

Trichromacy



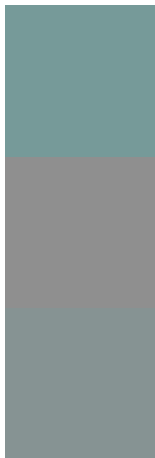
Original Color
61, 13.039, 195.755

Protanomaly
61, 4.188, 206.865

Deuteranomaly
61, 4.633, 276.570

Tritanomaly
61, 12.556, 216.812

Monochromacy



Original Color
61, 13.039, 195.755

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 4.926, 199.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 13.039, 195.755 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(118, 154, 153)` looks like.

```
.text, #text, p{  
    color:rgb(118, 154, 153)  
}
```

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(118, 154, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 154, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 13.039, 195.755 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(118, 154, 153) }
```

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

```
.border{ border-color:rgb(118, 154, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 154, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 154, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 154, 153);  
box-shadow:4px 4px 4px 4px rgb(118, 154,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 13.039, 195.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 154, 153) }
```

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

```
.background{ background-color: rgb(118,  
154, 153) }
```

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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