

Converting Colors

CIELCh(61, 15.970, 146.069)

Have a look what the booklet for
CIELCh(61, 15.970, 146.069)
contains.

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Color

CIELCh(61, 16.271, 145.675)

Conversions

Conversions Part 1

Format	Color
Hex	819A83
RGB	129, 154, 131
RGB Percent	51%, 60%, 51%
CMY	0.4956, 0.3976, 0.4878
CMYK	0.16, 0.00, 0.15, 0.40
HSL	125°, 11%, 55%
HSV	125°, 16%, 60%
XYZ	24.5578, 29.2481, 25.6893
YIQ	143.9030, -7.5170, -12.4530

Conversions

Conversions Part 2

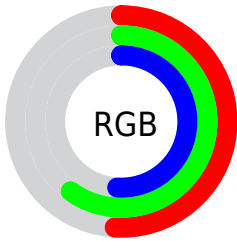
Format	Color
RYB	129, 152, 154
Decimal	8493699
CIELab	61.00, -13.44, 9.17
CIElCh	61, 16.271, 145.675
Yxy	29.2481, 0.3089, 0.3679
Android (android.graphics.Color)	4286683779 (0xFF819A83)
YUV	143.9030, -6.3612, -13.0699
Hunter-Lab	54.0815, -13.5879, 9.6937

Details

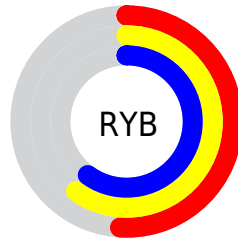
The CIELCh color $61, 16.271, 145.675$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $57, 16.297, 327.572$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 16.013, 145.827$, and $41, 16.293, 146.555$ is the 20% darker color. If you saturate the color by 10%, you get $60, 26.319, 144.905$, and if you desaturate by 10%, it is $62, 6.232, 146.352$.

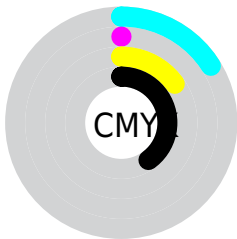
Distribution



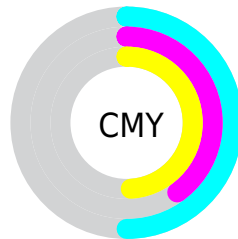
- Red (51%)
- Green (60%)
- Blue (51%)



- Red (51%)
- Yellow (60%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (40%)





- Cyan (50%)
- Magenta (40%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 16.271, 145.675 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, 16.271, 145.675 by changing the saturation by 10% instead.


 61, 16.271,
145.675


 61, 16.271,
145.675


 100, 16.271,
145.675


 51, 16.271,
145.675


 81, 16.271,
145.675

 41, 16.271,
145.675

 91, 16.271,
145.675

 31, 16.271,
145.675

 21, 16.271,
145.675

 11, 16.271,
145.675

 1, 16.271, 145.675

 0, 16.271, 145.675

61, 16.271,
145.675

61, 16.271,
145.675

60, 26.319,
144.905

62, 6.232, 146.352

59, 36.221,
144.016

64, 3.688, 326.814

58, 45.784,
142.997

66, 13.408,
327.338

57, 54.776,
141.852

68, 22.875,
327.756

56, 62.926,
140.607

70, 32.057,
328.113

56, 69.935,
139.322

72, 40.940,
328.421

55, 75.499,
138.094

74, 49.520,
328.688

55, 79.378,

76, 57.802,
328.922

137.069

77, 62.926,
326.582

55, 80.440,
136.828

Harmonies

Complementary

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



61, 16.271, 145.675



57, 16.297, 327.572

Rectangle

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



61, 16.271, 145.675



61, 16.271, 195.675



61, 16.271, 325.675



61, 16.271, 15.675

Sweetspot

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



61, 16.273, 145.675



79, 6.128, 146.431



63, 13.907, 111.431



41, 4.173, 146.388



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, 16.273, 145.675



77, 24.722, 145.371



61, 11.369, 166.004



32, 5.613, 146.158



51, 75.116, 136.912



3, 6.049, 146.640

Inverse Universe

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



57, 16.297, 327.572



70, 24.756, 327.807



56, 11.681, 348.838



30, 5.624, 327.165



32, 69.654, 331.618



1, 6.007, 326.941

Previews

White Background



This preview shows how the CIELCh color 61, 16.271, 145.675 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, 16.271, 145.675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

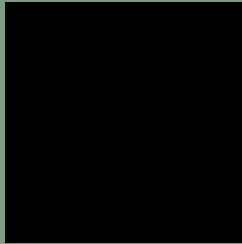
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 16.271, 145.675

Background



This preview shows how black text looks on a background with the CIELCh color 61, 16.271, 145.675.

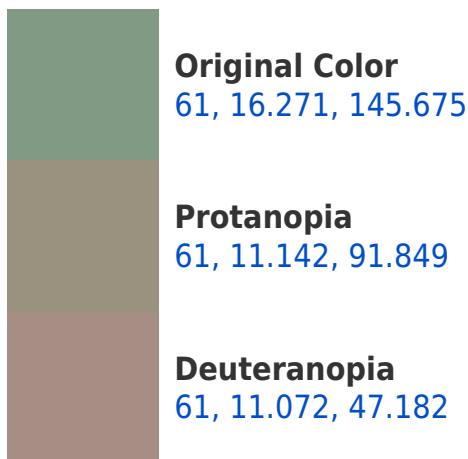


This preview shows how white text looks on a background with the CIELCh color 61, 16.271, 145.675.

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, 8.571, 251.350

Trichromacy



Original Color
61, 16.271, 145.675

Protanomaly
61, 11.869, 116.679

Deuteranomaly
61, 8.211, 92.105

Tritanomaly
61, 7.151, 194.268

Monochromacy



Original Color
61, 16.271, 145.675

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 5.744, 147.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 16.271, 145.675 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(129, 154, 131)` looks like.

```
.text, #text, p{  
    color:rgb(129, 154, 131)  
}
```

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(129, 154, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 154, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 16.271, 145.675 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(129, 154, 131) }
```

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

```
.border{ border-color:rgb(129, 154, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 154, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 154, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 154, 131);  
box-shadow:4px 4px 4px 4px rgb(129, 154,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 16.271, 145.675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 154, 131) }
```

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

```
.background{ background-color: rgb(129,  
154, 131) }
```

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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