

Converting Colors

CIELCh(61, 17.686, 143.912)

Have a look what the booklet for
CIELCh(61, 17.686, 143.912)
contains.

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Color

CIELCh(61, 17.884, 143.423)

Conversions

Conversions Part 1

Format	Color
Hex	809A80
RGB	128, 154, 128
RGB Percent	50%, 60%, 50%
CMY	0.4981, 0.3962, 0.4981
CMYK	0.17, 0.00, 0.17, 0.40
HSL	120°, 11%, 55%
HSV	120°, 17%, 60%
XYZ	24.3446, 29.2481, 24.7761
YIQ	143.2620, -7.1500, -13.5980

Conversions

Conversions Part 2

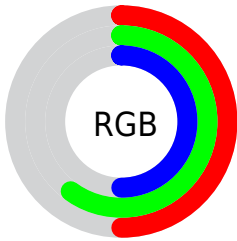
Format	Color
RYB	128, 154, 154
Decimal	8428160
CIELab	61.00, -14.36, 10.66
CIELCh	61, 17.884, 143.423
Yxy	29.2481, 0.3106, 0.3732
Android (android.graphics.Color)	4286618240 (0xFF809A80)
YUV	143.2620, -7.5242, -13.3848
Hunter-Lab	54.0815, -14.2918, 10.6949

Details

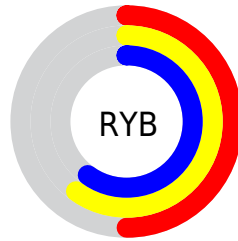
The CIELCh color $61, 17.884, 143.423$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $57, 17.902, 325.334$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 17.537, 143.671$, and $41, 18.014, 144.017$ is the 20% darker color. If you saturate the color by 10%, you get $60, 28.512, 142.665$, and if you desaturate by 10%, it is $62, 7.252, 144.085$.

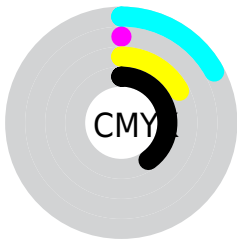
Distribution



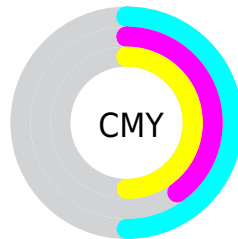
- Red (50%)
- Green (60%)
- Blue (50%)



- Red (50%)
- Yellow (60%)
- Blue (60%)



- Cyan (17%)
- Magenta (0%)
- Yellow (17%)
- Black (40%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 17.884, 143.423 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, 17.884, 143.423 by changing the saturation by 10% instead.


 61, 17.884,
143.423


 61, 17.884,
143.423


 100, 17.884,
143.423


 51, 17.884,
143.423


 81, 17.884,
143.423

 41, 17.884,
143.423

 91, 17.884,
143.423

 31, 17.884,
143.423

 21, 17.884,
143.423

 11, 17.884,
143.423

 1, 17.884, 143.423

 0, 17.884, 143.423

■ 61, 17.884,
143.423

■ 61, 17.884,
143.423

■ 60, 28.512,
142.665

■ 62, 7.252, 144.085

■ 59, 38.954,
141.793

■ 64, 3.260, 324.538

■ 58, 48.983,
140.806

■ 66, 13.561,
325.052

■ 57, 58.310,
139.728

■ 68, 23.591,
325.452

■ 56, 66.585,
138.615

■ 70, 33.317,
325.789

■ 56, 73.407,
137.566

■ 72, 42.723,
326.075


■ 55, 78.378,
136.718


■ 74, 51.806,
326.319

■ 55, 81.376,

■ 76, 60.571,
326.529

136.169

 77, 62.711,
326.575

 55, 82.186,
136.016

Harmonies

Complementary

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



61, 17.884, 143.423



57, 17.902, 325.334

Rectangle

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



61, 17.884, 143.423



61, 17.884, 193.423



61, 17.884, 323.423



61, 17.884, 13.423

Sweetspot

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



61, 17.886, 143.423



79, 6.475, 144.200



63, 14.437, 108.584



41, 4.409, 144.159



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, 17.886, 143.423



76, 26.121, 143.171



61, 12.414, 162.249



32, 5.931, 143.936



50, 76.767, 136.016



3, 6.385, 144.444

Inverse Universe

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



57, 17.902, 325.334



70, 26.140, 325.522



56, 12.675, 345.053



30, 5.940, 324.914



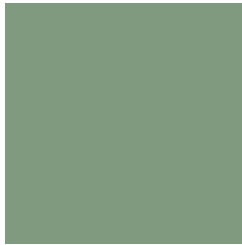
33, 74.067, 328.234



1, 6.386, 324.440

Previews

White Background



This preview shows how the CIELCh color 61, 17.884, 143.423 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, 17.884, 143.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

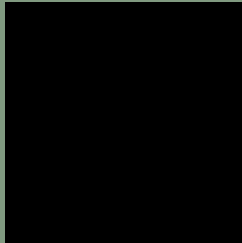
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 17.884, 143.423

Background



This preview shows how black text looks on a background with the CIELCh color 61, 17.884, 143.423.



This preview shows how white text looks on a background with the CIELCh color 61, 17.884, 143.423.

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, 17.884, 143.423

Protanopia

61, 13.289, 94.321

Deuteranopia

61, 12.040, 50.849



Tritanopia
61, 8.571, 251.350

Trichromacy



Original Color
61, 17.884, 143.423

Protanomaly
61, 14.119, 116.889

Deuteranomaly
61, 9.407, 91.546

Tritanomaly
61, 7.249, 189.824

Monochromacy



Original Color
61, 17.884, 143.423

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 6.203, 144.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 17.884, 143.423 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(128, 154, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 154, 128)  
}
```

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(128, 154, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 154, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 17.884, 143.423 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(128, 154, 128) }
```

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

```
.border{ border-color:rgb(128, 154, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 154, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 154, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 154, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 154,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 17.884, 143.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 154, 128) }
```

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

```
.background{ background-color: rgb(128,  
154, 128) }
```

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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