

Converting Colors

CIELCh(61, 5.714, 178.099)

Have a look what the booklet for
CIELCh(61, 5.714, 178.099) contains.

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Color

CIELCh(61, 5.614, 181.423)

Conversions

Conversions Part 1

Format	Color
Hex	889693
RGB	136, 150, 147
RGB Percent	53%, 59%, 58%
CMY	0.4658, 0.4109, 0.4227
CMYK	0.09, 0.00, 0.02, 0.41
HSL	167°, 6%, 56%
HSV	167°, 9%, 59%
XYZ	26.4129, 29.2481, 31.9467
YIQ	145.4720, -7.3810, -3.9010

Conversions

Conversions Part 2

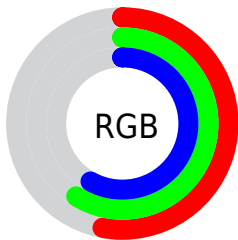
Format	Color
R_{YB}	136, 144, 150
Decimal	8951443
CIE _{Lab}	61.00, -5.61, -0.14
CIE _{LCh}	61, 5.614, 181.423
Yxy	29.2481, 0.3015, 0.3339
Android (android.graphics.Color)	4287141523 (0xFF889693)
YUV	145.4720, 0.7533, -8.3069
Hunter-Lab	54.0815, -7.4649, 2.8337

Details

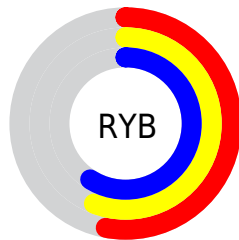
The CIELCh color $61, 5.614, 181.423$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 5.812, 2.942$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 5.656, 182.692$, and $41, 5.443, 185.848$ is the 20% darker color. If you saturate the color by 10%, you get $60, 11.477, 180.459$, and if you desaturate by 10%, it is $62, 0.415, 1.225$.

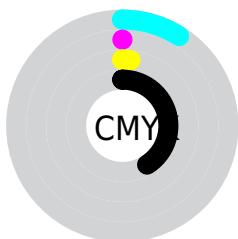
Distribution



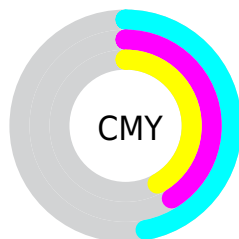
- Red (53%)
- Green (59%)
- Blue (58%)



- Red (53%)
- Yellow (56%)
- Blue (59%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (41%)



- Cyan (47%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 5.614, 181.423 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, 5.614, 181.423 by changing the saturation by 10% instead.

■ 61, 5.614, 181.423

■ 61, 5.614, 181.423

■ 100, 5.614,
181.423

■ 51, 5.614, 181.423

■ 81, 5.614, 181.423

■ 41, 5.614, 181.423

■ 91, 5.614, 181.423

■ 31, 5.614, 181.423

■ 21, 5.614, 181.423

■ 11, 5.614, 181.423

■ 1, 5.614, 181.423

■ 0, 5.614, 181.423

■ 61, 5.614, 181.423

■ 61, 5.614, 181.423

■ 60, 11.477,

■ 62, 0.415, 1.225

180.459

64, 6.538, 2.985

59, 17.086,
179.476

65, 12.696, 3.817

58, 22.347,
178.434

67, 18.839, 4.601

57, 27.162,
177.312

68, 24.932, 5.354

57, 31.442,
176.091

72, 36.871, 6.780

56, 35.111,
174.750

74, 42.169, 7.182

56, 38.127,
173.265

74, 42.393, 4.884

55, 40.490,
171.618

55, 42.362,
169.861

Harmonies

Complementary

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



61, 5.614, 181.423



58, 5.812, 2.942

Rectangle

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



61, 5.614, 181.423



61, 5.614, 231.423



61, 5.614, 1.423



61, 5.614, 51.423

Sweetspot

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



61, 5.615, 181.413



79, 2.260, 182.112



61, 9.001, 137.917



42, 1.726, 182.000



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, 5.615, 181.413



78, 8.222, 181.230



60, 4.357, 230.203



31, 3.359, 181.426



51, 39.793, 169.906



2, 2.973, 182.168

Inverse Universe

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



58, 5.812, 2.942



73, 8.569, 3.143



59, 4.582, 48.882



29, 3.475, 2.928



28, 57.553, 26.880



1, 2.974, 2.153

Previews

White Background



This preview shows how the CIELCh color 61, 5.614, 181.423 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 CIE LCh color 61, 5.614, 181.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

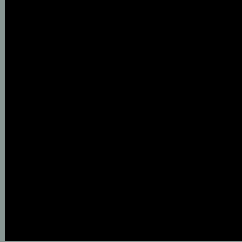
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

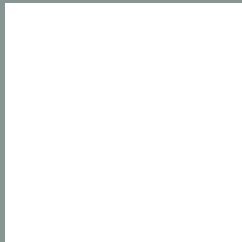
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 5.614, 181.423

Background



This preview shows how black text looks on a background with the CIELCh color 61, 5.614, 181.423.

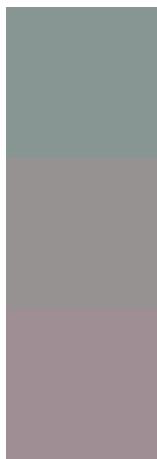


This preview shows how white text looks on a background with the CIELCh color 61, 5.614, 181.423.

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, 5.614, 181.423

Protanopia

61, 1.652, 39.145

Deuteranopia

61, 8.076, 351.075



Tritanopia
61, 7.615, 262.067

Trichromacy



Original Color
61, 5.614, 181.423

Protanomaly
61, 1.620, 155.701

Deuteranomaly
61, 2.893, 343.853

Tritanomaly
61, 5.540, 236.800

Monochromacy



Original Color
61, 5.614, 181.423

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 2.580, 173.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 5.614, 181.423 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(136, 150, 147)` looks like.

```
.text, #text, p{  
    color:rgb(136, 150, 147)  
}
```

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(136, 150, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 150, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 5.614, 181.423 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(136, 150, 147) }
```

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

```
.border{ border-color:rgb(136, 150, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 150, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 150, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 150, 147);  
box-shadow:4px 4px 4px 4px rgb(136, 150,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 5.614, 181.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 150, 147) }
```

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

```
.background{ background-color: rgb(136,  
150, 147) }
```

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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