

Converting Colors

CIELCh(61, 14.543, 198.236)

Have a look what the booklet for
CIELCh(61, 14.543, 198.236)
contains.

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Color

CIELCh(61, 14.600, 198.114)

Conversions

Conversions Part 1

Format	Color
Hex	729B9B
RGB	114, 155, 155
RGB Percent	45%, 61%, 61%
CMY	0.5542, 0.3934, 0.3934
CMYK	0.27, 0.00, 0.00, 0.39
HSL	180°, 17%, 53%
HSV	180°, 27%, 61%
XYZ	24.4564, 29.2481, 35.2259
YIQ	142.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

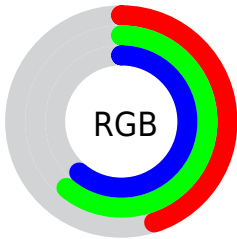
Format	Color
R_{YB}	114, 135, 155
Decimal	7510939
CIE _{Lab}	61.00, -13.88, -4.54
CIE _{LCh}	61, 14.600, 198.114
Yxy	29.2481, 0.2750, 0.3289
Android (android.graphics.Color)	4285701019 (0xFF729B9B)
YUV	142.7410, 6.0437, -25.2059
Hunter-Lab	54.0815, -13.9227, -0.7613

Details

The CIELCh color `61, 14.600, 198.114` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `52, 17.379, 21.433`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 14.801, 196.297`, and `41, 14.690, 197.667` is the 20% darker color. If you saturate the color by 10%, you get `60, 19.343, 197.684`, and if you desaturate by 10%, it is `62, 9.387, 198.594`.

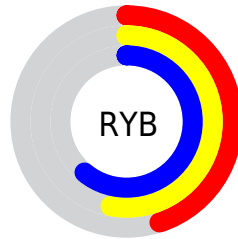
Distribution



Red (45%)

Green (61%)

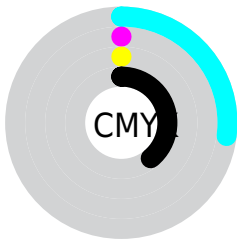
Blue (61%)



Red (45%)

Yellow (53%)

Blue (61%)

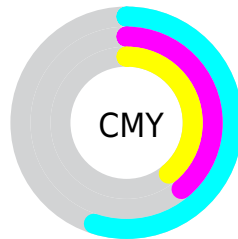


Cyan (27%)

Magenta (0%)

Yellow (0%)

Black (39%)



Cyan (55%)


Magenta (39%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 14.600, 198.114 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, 14.600, 198.114 by changing the saturation by 10% instead.


 61, 14.600,
198.114


 61, 14.600,
198.114


 100, 14.600,
198.114


 51, 14.600,
198.114


 81, 14.600,
198.114

 41, 14.600,
198.114

 91, 14.600,
198.114

 31, 14.600,
198.114

 21, 14.600,
198.114

 11, 14.600,
198.114

 1, 14.600, 198.114

 0, 14.600, 198.114

61, 14.600,
198.114

61, 14.600,
198.114

60, 19.343,
197.684

62, 9.387, 198.594

59, 23.527,
197.316

63, 3.795, 199.174

64, 2.088, 19.379

59, 27.074,
197.010

66, 8.185, 20.112

58, 29.925,
196.767

67, 14.426, 20.727

69, 20.756, 21.340

58, 32.056,
196.588

70, 27.130, 21.956

58, 33.477,
196.469

72, 33.510, 22.573

74, 39.870, 23.186

58, 34.274,
196.402

58, 34.502,

Harmonies

Complementary

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



61, 14.600, 198.114



52, 17.379, 21.433

Rectangle

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



61, 14.600, 198.114



61, 14.600, 248.114



61, 14.600, 18.114



61, 14.600, 68.114

Sweetspot

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



61, 14.600, 198.110



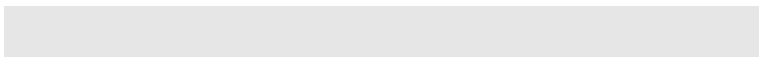
80, 5.770, 199.063



60, 28.056, 142.295



42, 4.119, 198.975



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, 14.600, 198.110



77, 21.368, 197.842



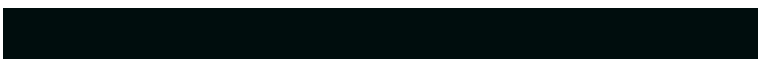
55, 13.397, 257.468



32, 3.249, 198.998



53, 32.120, 196.383



3, 3.595, 199.420

Inverse Universe

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



52, 17.379, 21.433



63, 26.615, 22.145



57, 14.481, 70.441



30, 3.439, 19.894



28, 66.112, 39.049



1, 3.595, 19.403

Previews

White Background



This preview shows how the CIELCh color 61, 14.600, 198.114 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, 14.600, 198.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

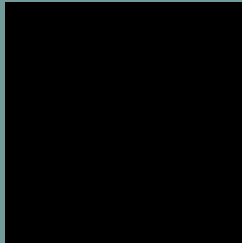
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

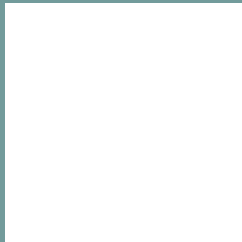
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 14.600, 198.114

Background



This preview shows how black text looks on a background with the CIELCh color 61, 14.600, 198.114.

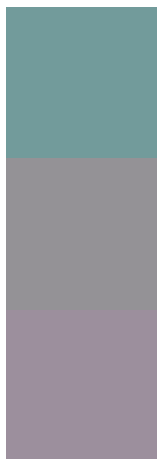


This preview shows how white text looks on a background with the CIELCh color 61, 14.600, 198.114.

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, 14.600, 198.114

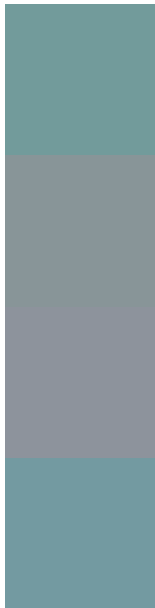
Protanopia
61, 2.396, 309.141

Deuteranopia
61, 9.362, 322.927



Tritanopia
61, 14.275, 226.844

Trichromacy



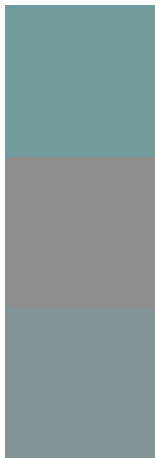
Original Color
61, 14.600, 198.114

Protanomaly
61, 5.124, 218.360

Deuteranomaly
61, 5.504, 266.717

Tritanomaly
61, 14.087, 214.618

Monochromacy



Original Color
61, 14.600, 198.114

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 5.665, 198.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 14.600, 198.114 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(114, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(114, 155, 155)  
}
```

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(114, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 155, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 14.600, 198.114 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(114, 155, 155) }
```

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

```
.border{ border-color:rgb(114, 155, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(114, 155,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 14.600, 198.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 155, 155) }
```

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

```
.background{ background-color: rgb(114,  
155, 155) }
```

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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