

Converting Colors

CIELCh(61, 16.069, 204.092)

Have a look what the booklet for
CIELCh(61, 16.069, 204.092)
contains.

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Color

CIELCh(61, 16.069, 204.092)

Conversions

Conversions Part 1

Format	Color
Hex	6D9B9E
RGB	109, 155, 158
RGB Percent	43%, 61%, 62%
CMY	0.5718, 0.3914, 0.3796
CMYK	0.31, 0.02, 0.00, 0.38
HSL	184°, 20%, 52%
HSV	184°, 31%, 62%
XYZ	24.2739, 29.2481, 36.8038
YIQ	141.5880, -28.3790, -8.8190

Conversions

Conversions Part 2

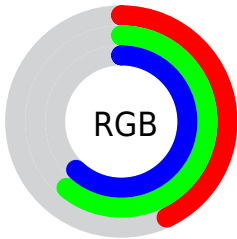
Format	Color
R _Y B	109, 133, 158
Decimal	7183262
CIE Lab	61.00, -14.67, -6.56
CIE LCh	61, 16.069, 204.092
Yxy	29.2481, 0.2687, 0.3238
Android (android.graphics.Color)	4285373342 (0xFF6D9B9E)
YUV	141.5880, 8.0911, -28.5797
Hunter-Lab	54.0815, -14.5249, -2.4911

Details

The CIELCh color `61, 16.069, 204.092` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `52, 19.905, 26.623`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 16.247, 203.950`, and `41, 16.273, 204.016` is the 20% darker color. If you saturate the color by 10%, you get `60, 20.364, 204.011`, and if you desaturate by 10%, it is `62, 11.277, 204.269`.

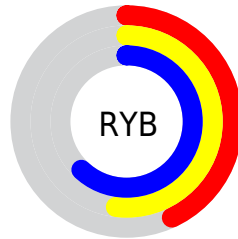
Distribution



Red (43%)

Green (61%)

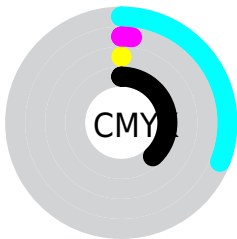
Blue (62%)



Red (43%)

Yellow (52%)

Blue (62%)

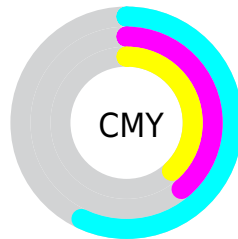


Cyan (31%)

Magenta (2%)

Yellow (0%)

Black (38%)



Cyan (57%)


Magenta (39%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 16.069, 204.092 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, 16.069, 204.092 by changing the saturation by 10% instead.


 61, 16.069,
204.092


 61, 16.069,
204.092


 100, 16.069,
204.092


 51, 16.069,
204.092


 81, 16.069,
204.092

 41, 16.069,
204.092

 91, 16.069,
204.092

 31, 16.069,
204.092

 21, 16.069,
204.092

 11, 16.069,
204.092

 1, 16.069, 204.092

 0, 16.069, 204.092

61, 16.069,
204.092

61, 16.069,
204.092

60, 20.364,
204.011

62, 11.277,
204.269

59, 24.074,
204.054

64, 6.077, 204.555

58, 27.127,
204.236

65, 0.553, 205.638

67, 5.217, 25.068

57, 29.472,
204.576

68, 11.165, 25.520

57, 31.091,
205.094

70, 17.235, 25.966

72, 23.381, 26.424

56, 32.012,
205.807

74, 29.566, 26.891

56, 32.427,
206.577

76, 35.761, 27.363

Harmonies

Complementary

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



61, 16.069, 204.092



52, 19.905, 26.623

Rectangle

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



61, 16.069, 204.092



61, 16.069, 254.092



61, 16.069, 24.092



61, 16.069, 74.092

Sweetspot

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



61, 16.069, 204.088



81, 6.221, 204.622



61, 32.429, 143.651



43, 4.342, 204.569



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 16.069, 204.088



77, 23.190, 204.024



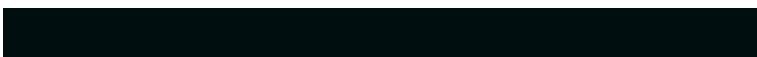
54, 17.032, 265.487



33, 3.143, 204.619



51, 30.103, 206.481



3, 4.160, 206.148

Inverse Universe

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



53, 32.188, 327.835



65, 47.551, 328.203



58, 18.051, 76.705



31, 5.855, 326.613



33, 71.601, 330.770



1, 7.546, 326.522

Previews

White Background



This preview shows how the CIELCh color 61, 16.069, 204.092 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, 16.069, 204.092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

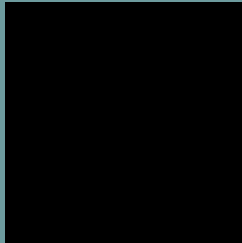
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 16.069, 204.092

Background



This preview shows how black text looks on a background with the CIELCh color 61, 16.069, 204.092.

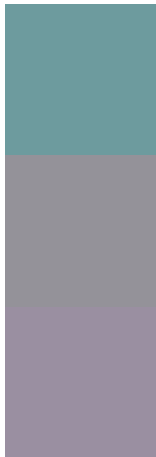


This preview shows how white text looks on a background with the CIELCh color 61, 16.069, 204.092.

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, 16.069, 204.092

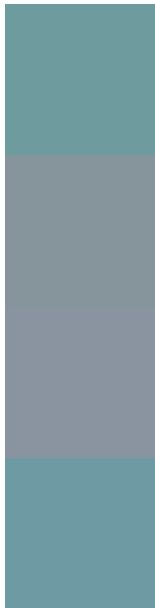
Protanopia
61, 4.032, 301.518

Deuteranopia
61, 11.013, 313.301



Tritanopia
61, 15.925, 223.527

Trichromacy



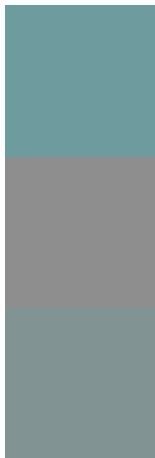
Original Color
61, 16.069, 204.092

Protanomaly
61, 6.433, 230.814

Deuteranomaly
61, 7.968, 266.473

Tritanomaly
61, 15.779, 217.037

Monochromacy



Original Color
61, 16.069, 204.092

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 6.392, 203.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 16.069, 204.092 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(109, 155, 158)` looks like.

```
.text, #text, p{  
    color:rgb(109, 155, 158)  
}
```

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(109, 155, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 155, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 16.069, 204.092 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(109, 155, 158) }
```

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

```
.border{ border-color:rgb(109, 155, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 155, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 155, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 155, 158);  
box-shadow:4px 4px 4px 4px rgb(109, 155,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 16.069, 204.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 155, 158) }
```

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

```
.background{ background-color: rgb(109,  
155, 158) }
```

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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