

Converting Colors

CIELCh(61, 18.031, 154.058)

Have a look what the booklet for
CIELCh(61, 18.031, 154.058)
contains.

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Color

CIELCh(61, 17.845, 154.058)

Conversions

Conversions Part 1

Format	Color
Hex	7A9B85
RGB	122, 155, 133
RGB Percent	48%, 61%, 52%
CMY	0.5218, 0.3924, 0.4787
CMYK	0.21, 0.00, 0.14, 0.39
HSL	140°, 14%, 54%
HSV	140°, 21%, 61%
XYZ	23.9591, 29.2481, 26.5522
YIQ	142.6250, -12.6060, -13.8380

Conversions

Conversions Part 2

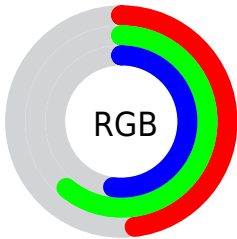
Format	Color
R_{YB}	122, 147, 155
Decimal	8035205
CIE _{Lab}	61.00, -16.05, 7.81
CIE _{LCh}	61, 17.845, 154.058
Yxy	29.2481, 0.3004, 0.3667
Android (android.graphics.Color)	4286225285 (0xFF7A9B85)
YUV	142.6250, -4.7451, -18.0881
Hunter-Lab	54.0815, -15.5641, 8.7477

Details

The CIELCh color $61, 17.845, 154.058$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $55, 18.034, 337.175$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 18.141, 153.645$, and $41, 18.141, 152.946$ is the 20% darker color. If you saturate the color by 10%, you get $60, 26.170, 153.119$, and if you desaturate by 10%, it is $62, 9.447, 154.889$.

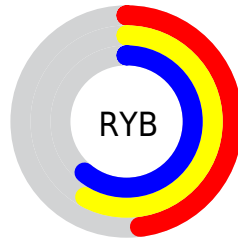
Distribution



Red (48%)

Green (61%)

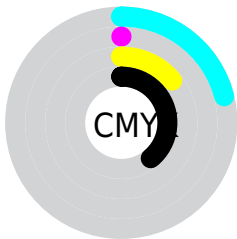
Blue (52%)



Red (48%)

Yellow (58%)

Blue (61%)

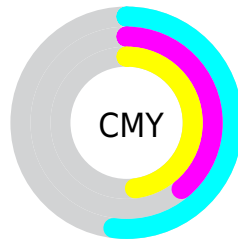


Cyan (21%)

Magenta (0%)

Yellow (14%)

Black (39%)



Cyan (52%)


Magenta (39%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 17.845, 154.058 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, 17.845, 154.058 by changing the saturation by 10% instead.


 61, 17.845,
154.058


 61, 17.845,
154.058


 100, 17.845,
154.058


 51, 17.845,
154.058


 81, 17.845,
154.058

 41, 17.845,
154.058

 91, 17.845,
154.058

 31, 17.845,
154.058

 21, 17.845,
154.058

 11, 17.845,
154.058

 1, 17.845, 154.058

 0, 17.845, 154.058

61, 17.845,
154.058

61, 17.845,
154.058

60, 26.170,
153.119

62, 9.447, 154.889

59, 34.293,
152.049

64, 1.074, 155.847

65, 7.194, 336.176

58, 42.075,
150.823

67, 15.301,
336.767

57, 49.366,
149.424

69, 23.206,
337.286

57, 56.024,
147.841

71, 30.885,
337.753

56, 61.930,
146.077


73, 38.326,
338.178

56, 67.009,
144.161

75, 45.524,
338.567

56, 70.847,

142.514

 76, 51.063,
336.847

Harmonies

Complementary

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



61, 17.845, 154.058



55, 18.034, 337.175

Rectangle

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



61, 17.845, 154.058



61, 17.845, 204.058



61, 17.845, 334.058



61, 17.845, 24.058

Sweetspot

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



61, 17.846, 154.057



80, 6.196, 155.299



62, 18.871, 121.907



42, 4.144, 155.251



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, 17.846, 154.057



77, 26.966, 153.584



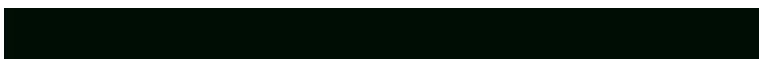
61, 12.613, 184.030



32, 4.673, 155.053



51, 65.582, 142.710



3, 5.061, 155.434

Inverse Universe

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



55, 18.034, 337.175



68, 27.302, 337.587



54, 13.842, 7.897



30, 4.700, 336.263



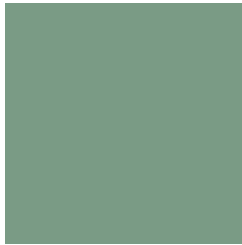
30, 58.221, 346.849



1, 5.001, 336.140

Previews

White Background



This preview shows how the CIELCh color 61, 17.845, 154.058 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, 17.845, 154.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

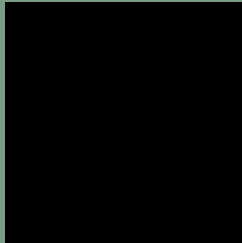
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 17.845, 154.058

Background



This preview shows how black text looks on a background with the CIELCh color 61, 17.845, 154.058.



This preview shows how white text looks on a background with the CIELCh color 61, 17.845, 154.058.

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](#).

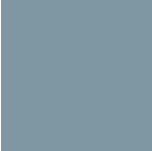
Dichromacy



Original Color
61, 17.845, 154.058

Protanopia
61, 10.071, 90.182

Deuteranopia
61, 9.935, 39.914



Tritanopia
61, 10.743, 237.959

Trichromacy



Original Color
61, 17.845, 154.058

Protanomaly
61, 11.027, 123.712

Deuteranomaly
61, 6.770, 102.630

Tritanomaly
61, 9.926, 198.532

Monochromacy



Original Color
61, 17.845, 154.058

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 6.529, 155.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 17.845, 154.058 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(122, 155, 133)` looks like.

```
.text, #text, p{  
    color:rgb(122, 155, 133)  
}
```

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(122, 155, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 155, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 17.845, 154.058 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(122, 155, 133) }
```

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

```
.border{ border-color:rgb(122, 155, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 155, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 155, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 155, 133);  
box-shadow:4px 4px 4px 4px rgb(122, 155,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 17.845, 154.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 155, 133) }
```

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

```
.background{ background-color: rgb(122,  
155, 133) }
```

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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