

Converting Colors

CIELCh(61, 34.439, 150.997)

Have a look what the booklet for
CIELCh(61, 34.439, 150.997)
contains.

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Color

CIELCh(61, 34.431, 151.032)

Conversions

Conversions Part 1

Format	Color
Hex	62A175
RGB	98, 161, 117
RGB Percent	38%, 63%, 46%
CMY	0.6168, 0.3697, 0.5422
CMYK	0.39, 0.00, 0.27, 0.37
HSL	138°, 25%, 51%
HSV	138°, 39%, 63%
XYZ	20.8963, 29.2481, 21.2900
YIQ	137.1470, -23.4240, -27.0400

Conversions

Conversions Part 2

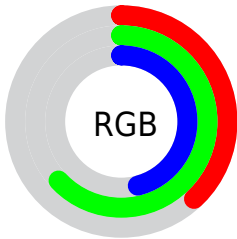
Format	Color
R_{YB}	98, 146, 161
Decimal	6463861
CIE _{Lab}	61.00, -30.12, 16.68
CIE _{LCh}	61, 34.431, 151.032
Y _{xy}	29.2481, 0.2925, 0.4094
Android (android.graphics.Color)	4284653941 (0xFF62A175)
YUV	137.1470, -9.9325, -34.3319
Hunter-Lab	54.0815, -25.6728, 14.5167

Details

The CIELCh color $61, 34.431, 151.032$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $50, 34.829, 337.230$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 34.443, 150.966$, and $41, 34.612, 150.545$ is the 20% darker color. If you saturate the color by 10%, you get $60, 42.749, 149.851$, and if you desaturate by 10%, it is $62, 25.789, 152.061$.

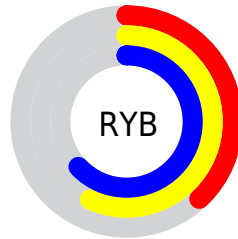
Distribution



Red (38%)

Green (63%)

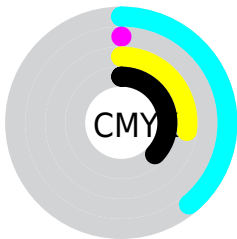
Blue (46%)



Red (38%)

Yellow (57%)

Blue (63%)

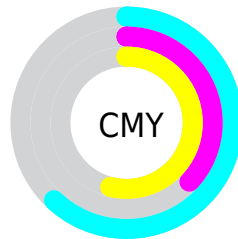


Cyan (39%)

Magenta (0%)

Yellow (27%)

Black (37%)



Cyan (62%)


Magenta (37%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 34.431, 151.032 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, 34.431, 151.032 by changing the saturation by 10% instead.


 61, 34.431,
151.032


 61, 34.431,
151.032


 100, 34.431,
151.032


 51, 34.431,
151.032


 81, 34.431,
151.032

 41, 34.431,
151.032

 91, 34.431,
151.032

 31, 34.431,
151.032

 21, 34.431,
151.032

 11, 34.431,
151.032

 1, 34.431, 151.032

 0, 34.431, 151.032

■ 61, 34.431,
151.032

■ 61, 34.431,
151.032

■ 60, 42.749,
149.851

■ 62, 25.789,
152.061

■ 59, 50.578,
148.500

■ 63, 16.970,
152.960

■ 59, 57.758,
146.970

■ 65, 8.102, 153.759

■ 58, 64.147,
145.265

■ 66, 0.712, 334.003

■ 68, 9.393, 334.982

■ 58, 69.640,
143.417

■ 70, 17.886,
335.535

■ 58, 74.261,
141.558

■ 72, 26.154,
336.021

■ 58, 74.610,
141.424

■ 74, 34.176,
336.458

■ 76, 41.940,
336.853

Harmonies

Complementary

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



61, 34.431, 151.032



50, 34.829, 337.230

Rectangle

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



61, 34.431, 151.032



61, 34.431, 201.032



61, 34.431, 331.032



61, 34.431, 21.032

Sweetspot

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



61, 34.432, 151.032



82, 13.119, 153.525



63, 35.210, 119.581



43, 8.688, 153.431



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, 34.432, 151.032



77, 50.691, 150.014



62, 23.304, 179.578



34, 5.047, 153.753



52, 69.023, 141.607



4, 8.002, 153.234

Inverse Universe

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



50, 34.829, 337.230



60, 51.176, 337.986



49, 27.447, 7.932



32, 5.073, 334.943



32, 60.875, 344.596



1, 7.522, 336.756

Previews

White Background



This preview shows how the CIELCh color 61, 34.431, 151.032 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, 34.431, 151.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

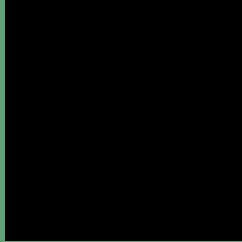
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 34.431, 151.032

Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.431, 151.032.



This preview shows how white text looks on a background with the CIELCh color 61, 34.431, 151.032.

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, 34.431, 151.032

Protanopia
61, 20.666, 94.758

Deuteranopia
61, 16.732, 61.941



Tritanopia
61, 16.644, 224.499

Trichromacy



Original Color
61, 34.431, 151.032

Protanomaly
60, 22.725, 124.619

Deuteranomaly
60, 16.303, 114.136

Tritanomaly
61, 18.645, 185.440

Monochromacy



Original Color
61, 34.431, 151.032

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 12.842, 153.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 34.431, 151.032 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(98, 161, 117)` looks like.

```
.text, #text, p{  
    color:rgb(98, 161, 117)  
}
```

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(98, 161, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 161, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 34.431, 151.032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

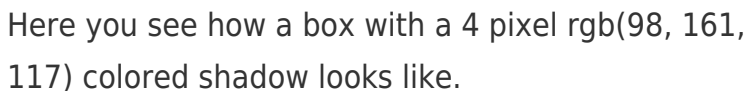
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 161, 117) }
```

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

```
.border{ border-color:rgb(98, 161, 117) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 161, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(98, 161, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(98, 161, 117); box-shadow:4px 4px 4px 4px rgb(98, 161, 117) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 34.431, 151.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 161, 117) }
```

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

```
.background{ background-color: rgb(98, 161,  
117) }
```

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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