

Converting Colors

CIELCh(61, 34.247, 127.365)

Have a look what the booklet for
CIELCh(61, 34.247, 127.365)
contains.

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Color

CIELCh(61, 34.150, 127.365)

Conversions

Conversions Part 1

Format	Color
Hex	7F9C62
RGB	127, 156, 98
RGB Percent	50%, 61%, 38%
CMY	0.5013, 0.3875, 0.6150
CMYK	0.19, 0.00, 0.37, 0.39
HSL	90°, 23%, 50%
HSV	90°, 37%, 61%
XYZ	22.9101, 29.2481, 16.0350
YIQ	140.7170, 1.3340, -24.1860

Conversions

Conversions Part 2

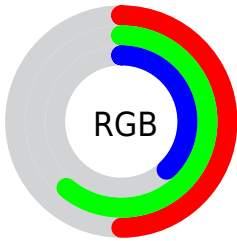
Format	Color
R_{YB}	98, 156, 127
Decimal	8363106
CIE _{Lab}	61.00, -20.73, 27.14
CIE _{LCh}	61, 34.150, 127.365
Yxy	29.2481, 0.3360, 0.4289
Android (android.graphics.Color)	4286553186 (0xFF7F9C62)
YUV	140.7170, -21.0595, -12.0298
Hunter-Lab	54.0815, -19.0263, 20.2778

Details

The CIELCh color $61, 34.150, 127.365$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $47, 35.968, 310.872$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 34.493, 127.125$, and $41, 34.441, 127.111$ is the 20% darker color. If you saturate the color by 10%, you get $60, 42.982, 126.919$, and if you desaturate by 10%, it is $62, 25.063, 127.842$.

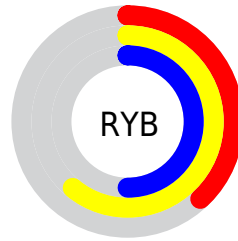
Distribution



Red (50%)

Green (61%)

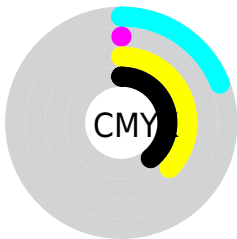
Blue (38%)



Red (38%)

Yellow (61%)

Blue (50%)

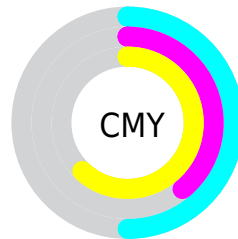


Cyan (19%)

Magenta (0%)

Yellow (37%)

Black (39%)



Cyan (50%)


Magenta (39%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 34.150, 127.365 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, 34.150, 127.365 by changing the saturation by 10% instead.


 61, 34.150,
127.365


 61, 34.150,
127.365


 100, 34.150,
127.365


 51, 34.150,
127.365


 81, 34.150,
127.365

 41, 34.150,
127.365

 91, 34.150,
127.365

 31, 34.150,
127.365

 21, 34.150,
127.365

 11, 34.150,
127.365

 1, 34.150, 127.365

 0, 34.150, 127.365

■ 61, 34.150,
127.365

■ 61, 34.150,
127.365

■ 60, 42.982,
126.919

■ 62, 25.063,
127.842

■ 60, 51.372,
126.549

■ 63, 15.847,
128.316

■ 59, 59.059,
126.329

■ 64, 6.592, 128.777

■ 58, 65.700,
126.363

■ 65, 2.638, 309.148

■ 58, 70.910,
126.773

■ 66, 11.798,
309.566

■ 58, 74.537,
127.601

■ 67, 20.856,
309.924

■ 58, 75.482,
127.831

■ 68, 29.788,
310.245

■ 70, 38.579,
310.533

■ 71, 47.218,
310.789

Harmonies

Complementary

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



61, 34.150, 127.365



47, 35.968, 310.872

Rectangle

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



61, 34.150, 127.365



61, 34.150, 177.365



61, 34.150, 307.365



61, 34.150, 357.365

Sweetspot

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



61, 34.151, 127.366



81, 12.630, 128.591



55, 21.006, 69.168



42, 8.469, 128.534



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, 34.151, 127.366



77, 51.067, 126.973



59, 39.472, 141.390



33, 5.273, 128.681



53, 70.608, 127.704



4, 6.946, 129.964

Inverse Universe

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



47, 35.968, 310.872



55, 54.531, 311.337



50, 39.469, 325.907



31, 5.343, 309.461



21, 80.855, 312.131



1, 6.870, 308.161

Previews

White Background



This preview shows how the CIELCh color 61, 34.150, 127.365 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, 34.150, 127.365 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, 34.150, 127.365

Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.150, 127.365.



This preview shows how white text looks on a background with the CIELCh color 61, 34.150, 127.365.

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, 34.150, 127.365

Protanopia

61, 29.941, 95.819

Deuteranopia

61, 26.732, 73.708



Tritanopia
61, 7.715, 252.735

Trichromacy



Original Color
61, 34.150, 127.365

Protanomaly
61, 29.809, 108.455

Deuteranomaly
61, 26.032, 96.696

Tritanomaly
61, 10.845, 152.014

Monochromacy



Original Color
61, 34.150, 127.365

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 13.163, 128.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 34.150, 127.365 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(127, 156, 98)` looks like.

```
.text, #text, p{  
    color:rgb(127, 156, 98)  
}
```

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(127, 156, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 156, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 34.150, 127.365 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(127, 156, 98) }
```

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

```
.border{ border-color:rgb(127, 156, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 156, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 156, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 156, 98);  
box-shadow:4px 4px 4px 4px rgb(127, 156,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 34.150, 127.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 156, 98) }
```

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

```
.background{ background-color: rgb(127,  
156, 98) }
```

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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