

Converting Colors

CIELCh(67, 34.504, 140.923)

Have a look what the booklet for
CIELCh(67, 34.504, 140.923)
contains.

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Color

CIELCh(67, 34.314, 141.020)

Conversions

Conversions Part 1

Format	Color
Hex	7EAF7B
RGB	126, 175, 123
RGB Percent	49%, 69%, 48%
CMY	0.5051, 0.3129, 0.5168
CMYK	0.28, 0.00, 0.30, 0.31
HSL	117°, 25%, 59%
HSV	117°, 30%, 69%
XYZ	27.5958, 36.6320, 24.4228
YIQ	154.4210, -12.5120, -26.5600

Conversions

Conversions Part 2

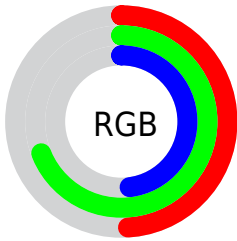
Format	Color
RYB	123, 175, 172
Decimal	8302459
CIELab	67.00, -26.67, 21.59
CIELCh	67, 34.314, 141.020
Yxy	36.6320, 0.3113, 0.4132
Android (android.graphics.Color)	4286492539 (0xFF7EAF7B)
YUV	154.4210, -15.4906, -24.9252
Hunter-Lab	60.5244, -24.5313, 18.4424

Details

The CIELCh color **67, 34.314, 141.020** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **58, 34.425, 324.365**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 34.310, 141.047**, and **47, 34.079, 141.177** is the 20% darker color. If you saturate the color by 10%, you get **66, 45.633, 140.194**, and if you desaturate by 10%, it is **68, 22.754, 141.749**.

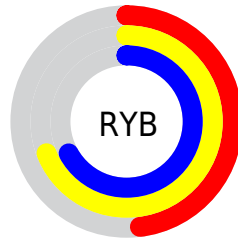
Distribution



Red (49%)

Green (69%)

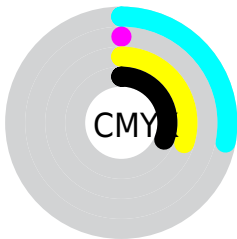
Blue (48%)



Red (48%)

Yellow (69%)

Blue (67%)

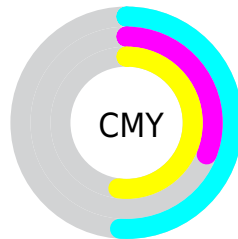


Cyan (28%)

Magenta (0%)

Yellow (30%)

Black (31%)



Cyan (51%)


Magenta (31%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 34.314, 141.020 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 67, 34.314, 141.020 by changing the saturation by 10% instead.

 67, 34.314,
141.020


 67, 34.314,
141.020


 100, 34.314,
141.020


 57, 34.314,
141.020


 87, 34.314,
141.020

 47, 34.314,
141.020


 97, 34.314,
141.020

 37, 34.314,
141.020

 27, 34.314,
141.020

 17, 34.314,
141.020

 7, 34.314, 141.020

 0, 34.314, 141.020

67, 34.314,
141.020

67, 34.314,
141.020

66, 45.633,
140.194

68, 22.754,
141.749

65, 56.450,
139.281

70, 11.145,
142.387

64, 66.437,
138.320

72, 0.368, 322.301

63, 75.190,
137.383

73, 11.683,
323.341

63, 82.242,
136.587

75, 22.731,
323.737

63, 87.156,
136.064

78, 33.471,
324.069

62, 90.006,
135.775

80, 43.881,
324.349

62, 90.083,

81, 49.909,
326.148

135.761

Harmonies

Complementary

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



67, 34.314, 141.020



58, 34.425, 324.365

Rectangle

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



67, 34.314, 141.020



67, 34.314, 191.020



67, 34.314, 321.020



67, 34.314, 11.020

Sweetspot

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



67, 34.315, 141.020



88, 12.777, 142.418



69, 26.310, 104.351



47, 8.958, 142.332



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 34.315, 141.020



84, 51.203, 140.457



67, 25.395, 157.634



36, 6.458, 142.410



54, 80.462, 135.709



6, 13.647, 143.180

Inverse Universe

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



58, 34.425, 324.365



70, 51.354, 324.695



58, 26.045, 342.729



34, 6.474, 323.334



34, 78.204, 326.007



2, 13.492, 322.163

Previews

White Background



This preview shows how the CIELCh color 67, 34.314, 141.020 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 67, 34.314, 141.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

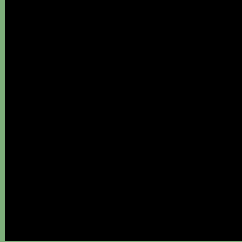
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 34.314, 141.020

Background



This preview shows how black text looks on a background with the CIELCh color 67, 34.314, 141.020.

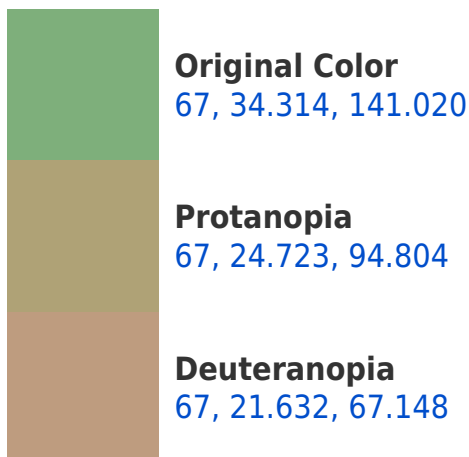


This preview shows how white text looks on a background with the CIELCh color 67, 34.314, 141.020.

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





Tritanopia
67, 13.012, 232.337

Trichromacy



Original Color
67, 34.314, 141.020

Protanomaly
67, 25.941, 116.630

Deuteranomaly
66, 20.343, 103.373

Tritanomaly
67, 15.584, 175.084

Monochromacy



Original Color
67, 34.314, 141.020

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 12.483, 140.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 34.314, 141.020 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(126, 175, 123)` looks like.

```
.text, #text, p{  
    color:rgb(126, 175, 123)  
}
```

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(126, 175, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 175, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 34.314, 141.020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

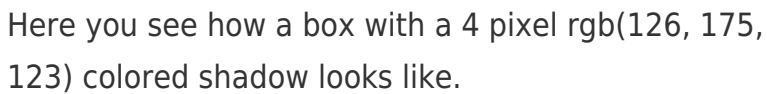
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 175, 123) }
```

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

```
.border{ border-color:rgb(126, 175, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 175, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 175, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 175, 123); box-shadow:4px 4px 4px 4px rgb(126, 175, 123) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 34.314, 141.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 175, 123) }
```

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

```
.background{ background-color: rgb(126,  
175, 123) }
```

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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