

Converting Colors

CIELCh(67, 51.316, 120.961)

Have a look what the booklet for
CIELCh(67, 51.316, 120.961)
contains.

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Color

CIELCh(67, 51.316, 120.961)

Conversions

Conversions Part 1

Format	Color
Hex	8DAE50
RGB	141, 174, 80
RGB Percent	55%, 68%, 31%
CMY	0.4461, 0.3167, 0.6854
CMYK	0.19, 0.00, 0.54, 0.32
HSL	81°, 37%, 50%
HSV	81°, 54%, 68%
XYZ	27.6646, 36.6320, 13.2458
YIQ	153.4170, 10.5060, -36.2300

Conversions

Conversions Part 2

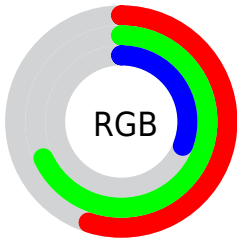
Format	Color
RYB	80, 174, 113
Decimal	9285200
CIELab	67.00, -26.40, 44.00
CIELCh	67, 51.316, 120.961
Yxy	36.6320, 0.3568, 0.4724
Android (android.graphics.Color)	4287475280 (0xFF8DAE50)
YUV	153.4170, -36.1946, -10.8897
Hunter-Lab	60.5244, -24.3285, 29.3914

Details

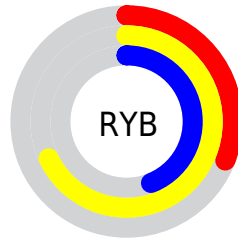
The CIELCh color **67, 51.316, 120.961** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **42, 57.294, 307.361**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 51.486, 121.256**, and **47, 51.069, 120.925** is the 20% darker color. If you saturate the color by 10%, you get **66, 59.545, 120.671**, and if you desaturate by 10%, it is **68, 42.392, 121.394**.

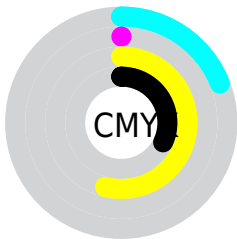
Distribution



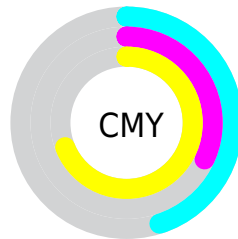
- Red (55%)
- Green (68%)
- Blue (31%)



- Red (31%)
- Yellow (68%)
- Blue (44%)



- Cyan (19%)
- Magenta (0%)
- Yellow (54%)
- Black (32%)





- Cyan (45%)
- Magenta (32%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 51.316, 120.961 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, 51.316, 120.961 by changing the saturation by 10% instead.


 67, 51.316,
120.961


 67, 51.316,
120.961


 100, 51.316,
120.961


 57, 51.316,
120.961


 87, 51.316,
120.961

 47, 51.316,
120.961

 97, 51.316,
120.961

 37, 51.316,
120.961

 27, 51.316,
120.961

 17, 51.316,
120.961

 7, 51.316, 120.961

 0, 51.316, 120.961

67, 51.316,
120.961

67, 51.316,
120.961

66, 59.545,
120.671

68, 42.392,
121.394

66, 66.718,
120.610

68, 33.033,
121.901

65, 72.412,
120.892

69, 23.418,
122.439

65, 76.281,
121.620

70, 13.669,
122.981

65, 78.030,
122.186

71, 3.869, 123.519

72, 5.923, 303.995

73, 15.666,
304.474

74, 25.331,
304.914

■ 75, 34.895,
305.320

Harmonies

Complementary

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



67, 51.316, 120.961



42, 57.294, 307.361

Rectangle

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



67, 51.316, 120.961



67, 51.316, 170.961



67, 51.316, 300.961



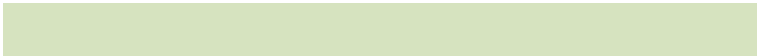
67, 51.316, 350.961

Sweetspot

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



67, 51.317, 120.963



88, 19.423, 122.856



53, 34.839, 53.807



47, 13.215, 122.747



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, 51.317, 120.963



84, 74.582, 120.634



64, 59.012, 136.875



36, 5.522, 123.231



57, 69.943, 122.004



6, 11.910, 127.145

Inverse Universe

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



42, 57.294, 307.361



47, 85.931, 308.279



47, 59.703, 322.577



34, 5.618, 304.198



20, 86.629, 309.213



1, 11.594, 301.285

Previews

White Background



This preview shows how the CIELCh color 67, 51.316, 120.961 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, 51.316, 120.961 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, 51.316, 120.961

Background



This preview shows how black text looks on a background with the CIELCh color 67, 51.316, 120.961.



This preview shows how white text looks on a background with the CIELCh color 67, 51.316, 120.961.

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
67, 51.316, 120.961

Protanopia
67, 46.407, 95.902

Deuteranopia
67, 43.317, 78.926



Tritanopia
67, 7.966, 263.934

Trichromacy



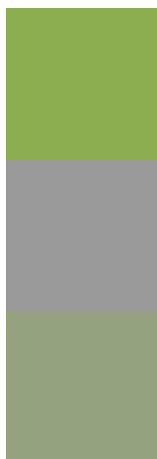
Original Color
67, 51.316, 120.961

Protanomaly
67, 47.014, 105.774

Deuteranomaly
66, 42.978, 96.144

Tritanomaly
67, 16.157, 136.020

Monochromacy



Original Color
67, 51.316, 120.961

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 19.377, 122.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 51.316, 120.961 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(141, 174, 80)` looks like.

```
.text, #text, p{  
    color:rgb(141, 174, 80)  
}
```

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(141, 174, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 174, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 51.316, 120.961 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(141, 174, 80) }
```

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

```
.border{ border-color:rgb(141, 174, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 174, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 174, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 174, 80);  
box-shadow:4px 4px 4px 4px rgb(141, 174,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 51.316, 120.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 174, 80) }
```

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

```
.background{ background-color: rgb(141,  
174, 80) }
```

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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