

Converting Colors

CIELCh(68, 35.480, 141.587)

Have a look what the booklet for
CIELCh(68, 35.480, 141.587)
contains.

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Color

CIELCh(68, 35.087, 141.499)

Conversions

Conversions Part 1

Format	Color
Hex	7FB27D
RGB	127, 178, 125
RGB Percent	50%, 70%, 49%
CMY	0.5009, 0.3009, 0.5088
CMYK	0.29, 0.00, 0.30, 0.30
HSL	118°, 26%, 60%
HSV	118°, 30%, 70%
XYZ	28.4869, 37.9720, 25.3178
YIQ	156.7090, -13.3830, -27.2950

Conversions

Conversions Part 2

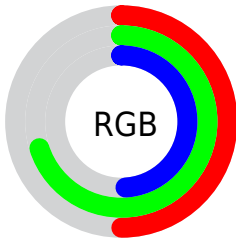
Format	Color
RYB	125, 178, 176
Decimal	8368765
CIELab	68.00, -27.46, 21.84
CIELCh	68, 35.087, 141.499
Yxy	37.9720, 0.3104, 0.4137
Android (android.graphics.Color)	4286558845 (0xFF7FB27D)
YUV	156.7090, -15.6325, -26.0548
Hunter-Lab	61.6215, -25.3190, 18.7751

Details

The CIELCh color **68, 35.087, 141.499** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **59, 35.158, 324.947**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 35.066, 141.524**, and **48, 34.862, 141.644** is the 20% darker color. If you saturate the color by 10%, you get **67, 46.624, 140.640**, and if you desaturate by 10%, it is **69, 23.292, 142.254**.

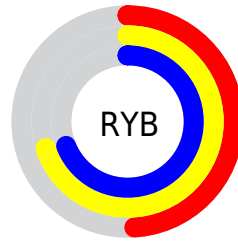
Distribution



Red (50%)

Green (70%)

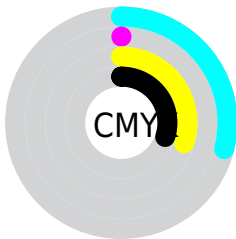
Blue (49%)



Red (49%)

Yellow (70%)

Blue (69%)

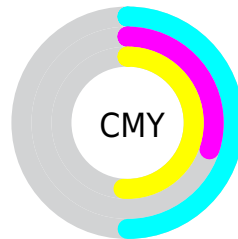


Cyan (29%)

Magenta (0%)

Yellow (30%)

Black (30%)



Cyan (50%)


Magenta (30%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 35.087, 141.499 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 68, 35.087, 141.499 by changing the saturation by 10% instead.

 68, 35.087,
141.499

 68, 35.087,
141.499

 100, 35.087,
141.499


 58, 35.087,
141.499

 88, 35.087,
141.499

 48, 35.087,
141.499

 98, 35.087,
141.499

 38, 35.087,
141.499

 28, 35.087,
141.499

 18, 35.087,
141.499

 8, 35.087, 141.499

 0, 35.087, 141.499

68, 35.087,
141.499

68, 35.087,
141.499

67, 46.624,
140.640

69, 23.292,
142.254

66, 57.628,
139.686

71, 11.440,
142.911

65, 67.758,
138.673

73, 0.313, 322.711

64, 76.597,
137.676

75, 11.859,
323.892

64, 83.669,
136.812

77, 23.128,
324.299

64, 88.538,
136.217

79, 34.075,
324.639

63, 91.298,
135.864

81, 44.678,
324.926

63, 91.361,

82, 48.027,
326.085

135.852

Harmonies

Complementary

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



68, 35.087, 141.499



59, 35.158, 324.947

Rectangle

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



68, 35.087, 141.499



68, 35.087, 191.499



68, 35.087, 321.499



68, 35.087, 11.499

Sweetspot

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



68, 35.088, 141.499



90, 13.093, 142.947



71, 27.159, 105.129



48, 9.181, 142.858



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 35.088, 141.499



85, 52.458, 140.919



68, 25.465, 158.421



37, 6.657, 142.937



55, 81.581, 135.819



7, 16.107, 143.664

Inverse Universe

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



59, 35.158, 324.947



72, 52.534, 325.282



59, 26.183, 343.617



35, 6.672, 323.890



35, 79.071, 326.766



2, 15.965, 322.890

Previews

White Background



This preview shows how the CIELCh color 68, 35.087, 141.499 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 CIE LCh color 68, 35.087, 141.499 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 68, 35.087, 141.499

Background



This preview shows how black text looks on a background with the CIELCh color 68, 35.087, 141.499.



This preview shows how white text looks on a background with the CIELCh color 68, 35.087, 141.499.

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
68, 35.087, 141.499

Protanopia
68, 25.696, 95.244

Deuteranopia
68, 21.440, 65.496



Tritanopia
68, 13.256, 231.506

Trichromacy



Original Color
68, 35.087, 141.499

Protanomaly
68, 26.915, 116.220

Deuteranomaly
67, 20.299, 103.401

Tritanomaly
68, 15.856, 175.566

Monochromacy



Original Color
68, 35.087, 141.499

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 13.334, 142.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 35.087, 141.499 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, 178, 125)` looks like.

```
.text, #text, p{  
    color:rgb(127, 178, 125)  
}
```

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, 178, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 178, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 35.087, 141.499 is called "border". The border property can be set on classes, ids or directly on the HTML element.

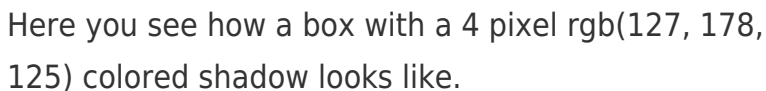
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 178, 125) }
```

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

```
.border{ border-color:rgb(127, 178, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 178, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 178, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 178, 125); box-shadow:4px 4px 4px 4px rgb(127, 178, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 35.087, 141.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 178, 125) }
```

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

```
.background{ background-color: rgb(127,  
178, 125) }
```

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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