

Converting Colors

CIELCh(67, 35.290, 142.061)

Have a look what the booklet for
CIELCh(67, 35.290, 142.061)
contains.

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Color

CIELCh(67, 35.370, 141.925)

Conversions

Conversions Part 1

Format	Color
Hex	7CB07B
RGB	124, 176, 123
RGB Percent	49%, 69%, 48%
CMY	0.5148, 0.3109, 0.5187
CMYK	0.30, 0.00, 0.30, 0.31
HSL	119°, 25%, 59%
HSV	119°, 30%, 69%
XYZ	27.3046, 36.6320, 24.2860
YIQ	154.4100, -13.9790, -27.5070

Conversions

Conversions Part 2

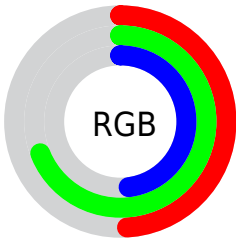
Format	Color
RYB	123, 176, 175
Decimal	8171643
CIELab	67.00, -27.84, 21.81
CIELCh	67, 35.370, 141.925
Yxy	36.6320, 0.3095, 0.4152
Android (android.graphics.Color)	4286361723 (0xFF7CB07B)
YUV	154.4100, -15.4851, -26.6696
Hunter-Lab	60.5244, -25.3903, 18.5763

Details

The CIELCh color $67, 35.370, 141.925$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $58, 35.402, 325.516$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 35.327, 141.956$, and $47, 35.165, 142.032$ is the 20% darker color. If you saturate the color by 10%, you get $66, 46.814, 141.032$, and if you desaturate by 10%, it is $68, 23.650, 142.707$.

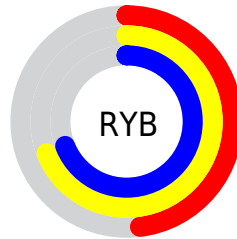
Distribution



Red (49%)

Green (69%)

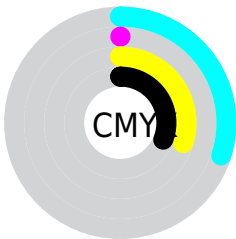
Blue (48%)



Red (48%)

Yellow (69%)

Blue (69%)

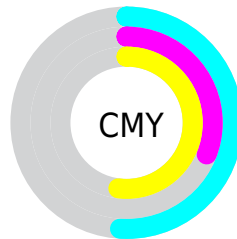


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (31%)



Cyan (51%)


Magenta (31%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 35.370, 141.925 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, 35.370, 141.925 by changing the saturation by 10% instead.

 67, 35.370,
141.925


 67, 35.370,
141.925


 100, 35.370,
141.925


 57, 35.370,
141.925


 87, 35.370,
141.925

 47, 35.370,
141.925

 97, 35.370,
141.925

 37, 35.370,
141.925

 27, 35.370,
141.925

 17, 35.370,
141.925

 7, 35.370, 141.925

 0, 35.370, 141.925

67, 35.370,
141.925

67, 35.370,
141.925

66, 46.814,
141.032

68, 23.650,
142.707

65, 57.700,
140.036

70, 11.862,
143.385

64, 67.683,
138.974

72, 0.168, 145.308

63, 76.343,
137.921

74, 11.322,
324.398

63, 83.213,
136.996

76, 22.532,
324.817

63, 87.871,
136.337

78, 33.418,
325.167

62, 90.490,
135.933

80, 43.956,
325.463

82, 49.599,
326.138

Harmonies

Complementary

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



67, 35.370, 141.925



58, 35.402, 325.516

Rectangle

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



67, 35.370, 141.925



67, 35.370, 191.925



67, 35.370, 321.925



67, 35.370, 11.925

Sweetspot

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



67, 35.371, 141.925



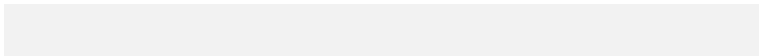
89, 13.058, 143.448



70, 27.640, 105.853



47, 9.073, 143.358



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, 35.371, 141.925



84, 52.300, 141.359



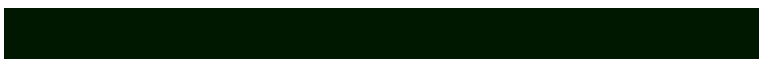
67, 25.178, 159.196



36, 6.540, 143.440



54, 80.691, 135.916



6, 13.787, 144.037

Inverse Universe

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



58, 35.402, 325.516



72, 52.305, 325.839



58, 25.965, 344.555



34, 6.552, 324.413



35, 78.024, 327.505



2, 13.734, 323.701

Previews

White Background



This preview shows how the CIELCh color 67, 35.370, 141.925 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 67, 35.370, 141.925 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, 35.370, 141.925

Background



This preview shows how black text looks on a background with the CIELCh color 67, 35.370, 141.925.

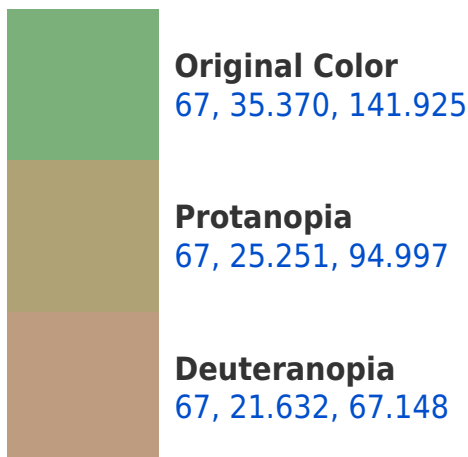


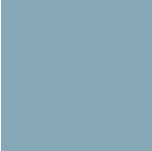
This preview shows how white text looks on a background with the CIELCh color 67, 35.370, 141.925.

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, 13.806, 232.891

Trichromacy



Original Color
67, 35.370, 141.925

Protanomaly
67, 26.541, 117.272

Deuteranomaly
66, 20.856, 104.562

Tritanomaly
67, 16.211, 175.951

Monochromacy



Original Color
67, 35.370, 141.925

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 12.917, 143.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 35.370, 141.925 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(124, 176, 123)` looks like.

```
.text, #text, p{  
    color:rgb(124, 176, 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(124, 176, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 176, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 35.370, 141.925 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(124, 176, 123) }
```

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

```
.border{ border-color:rgb(124, 176, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 176, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 176, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 176, 123);  
box-shadow:4px 4px 4px 4px rgb(124, 176,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 35.370, 141.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 176, 123) }
```

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

```
.background{ background-color: rgb(124,  
176, 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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