

Converting Colors

CIELCh(67, 27.168, 142.585)

Have a look what the booklet for
CIELCh(67, 27.168, 142.585)
contains.

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Color

CIELCh(67, 26.967, 142.946)

Conversions

Conversions Part 1

Format	Color
Hex	85AD85
RGB	133, 173, 133
RGB Percent	52%, 68%, 52%
CMY	0.4779, 0.3210, 0.4779
CMYK	0.23, 0.00, 0.23, 0.32
HSL	120°, 20%, 60%
HSV	120°, 23%, 68%
XYZ	28.9045, 36.6320, 27.7832
YIQ	156.4800, -11.0000, -20.9200

Conversions

Conversions Part 2

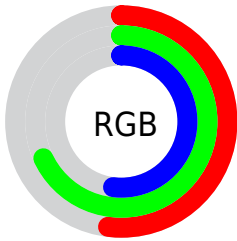
Format	Color
RYB	133, 173, 173
Decimal	8760709
CIELab	67.00, -21.52, 16.25
CIELCh	67, 26.967, 142.946
Yxy	36.6320, 0.3097, 0.3925
Android (android.graphics.Color)	4286950789 (0xFF85AD85)
YUV	156.4800, -11.5756, -20.5920
Hunter-Lab	60.5244, -20.6717, 15.1504

Details

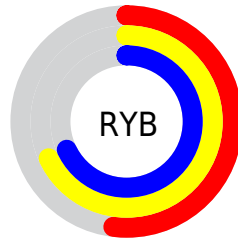
The CIELCh color $67, 26.967, 142.946$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $61, 26.982, 325.677$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 27.284, 142.669$, and $47, 26.873, 143.017$ is the 20% darker color. If you saturate the color by 10%, you get $66, 38.556, 142.107$, and if you desaturate by 10%, it is $69, 15.253, 143.672$.

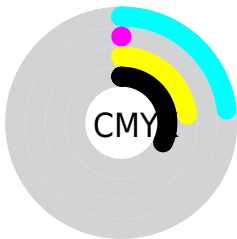
Distribution



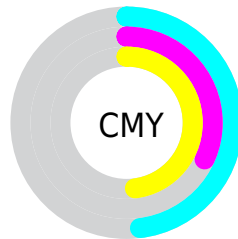
- Red (52%)
- Green (68%)
- Blue (52%)



- Red (52%)
- Yellow (68%)
- Blue (68%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (32%)





- Cyan (48%)
- Magenta (32%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 26.967, 142.946 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, 26.967, 142.946 by changing the saturation by 10% instead.


 67, 26.967,
142.946


 67, 26.967,
142.946


 100, 26.967,
142.946


 57, 26.967,
142.946


 87, 26.967,
142.946

 47, 26.967,
142.946

 97, 26.967,
142.946

 37, 26.967,
142.946

 27, 26.967,
142.946

 17, 26.967,
142.946

 7, 26.967, 142.946

 0, 26.967, 142.946

67, 26.967,
142.946

67, 26.967,
142.946

66, 38.556,
142.107

69, 15.253,
143.672

65, 49.780,
141.149

70, 3.587, 144.334

64, 60.340,
140.088

72, 7.902, 324.759

63, 69.866,
138.967

74, 19.127,
325.216

62, 77.925,
137.875

76, 30.034,
325.592

62, 84.057,
136.943

78, 40.594,
325.910

62, 87.907,
136.308

81, 50.796,
326.181

62, 89.602,

81, 51.188,
326.191

Harmonies

Complementary

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



67, 26.967, 142.946



61, 26.982, 325.677

Rectangle

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



67, 26.967, 142.946



67, 26.967, 192.946



67, 26.967, 322.946



67, 26.967, 12.946

Sweetspot

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



67, 26.969, 142.946



88, 10.018, 144.064



70, 21.340, 107.275



46, 6.504, 144.028



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 26.969, 142.946



84, 40.333, 142.510



67, 18.893, 160.765



36, 6.580, 143.923



54, 80.802, 136.016



6, 13.854, 144.442

Inverse Universe

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



61, 26.982, 325.677



74, 40.334, 325.962



60, 19.394, 344.751



34, 6.590, 324.921



35, 77.962, 328.231



2, 13.856, 324.437

Previews

White Background



This preview shows how the CIELCh color 67, 26.967, 142.946 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, 26.967, 142.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

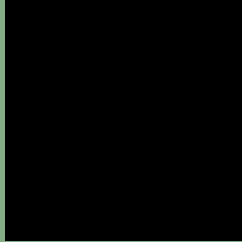
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 26.967, 142.946

Background



This preview shows how black text looks on a background with the CIELCh color 67, 26.967, 142.946.

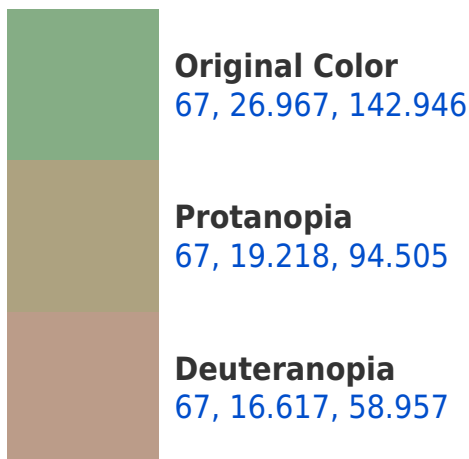


This preview shows how white text looks on a background with the CIELCh color 67, 26.967, 142.946.

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, 11.433, 237.927

Trichromacy



Original Color
67, 26.967, 142.946

Protanomaly
67, 19.909, 116.309

Deuteranomaly
66, 14.436, 100.599

Tritanomaly
67, 11.880, 182.154

Monochromacy



Original Color
67, 26.967, 142.946

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 10.169, 143.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 26.967, 142.946 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(133, 173, 133)` looks like.

```
.text, #text, p{  
    color:rgb(133, 173, 133)  
}
```

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(133, 173, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 173, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 26.967, 142.946 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(133, 173, 133) }
```

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

```
.border{ border-color:rgb(133, 173, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 173, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 173, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 173, 133);  
box-shadow:4px 4px 4px 4px rgb(133, 173,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 26.967, 142.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 173, 133) }
```

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

```
.background{ background-color: rgb(133,  
173, 133) }
```

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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