

Converting Colors

CIELCh(67, 26.348, 142.984)

Have a look what the booklet for
CIELCh(67, 26.348, 142.984)
contains.

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Color

CIELCh(67, 26.292, 142.991)

Conversions

Conversions Part 1

Format	Color
Hex	86AD86
RGB	134, 173, 134
RGB Percent	53%, 68%, 53%
CMY	0.4749, 0.3219, 0.4748
CMYK	0.23, 0.00, 0.23, 0.32
HSL	120°, 19%, 60%
HSV	120°, 23%, 68%
XYZ	29.0404, 36.6320, 28.0622
YIQ	156.8930, -10.7250, -20.3970

Conversions

Conversions Part 2

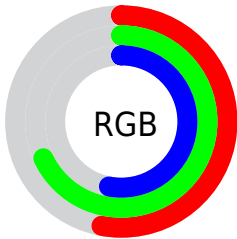
Format	Color
RYB	134, 173, 173
Decimal	8826246
CIELab	67.00, -21.00, 15.83
CIELCh	67, 26.292, 142.991
Yxy	36.6320, 0.3098, 0.3908
Android (android.graphics.Color)	4287016326 (0xFF86AD86)
YUV	156.8930, -11.2862, -20.0772
Hunter-Lab	60.5244, -20.2708, 14.8771

Details

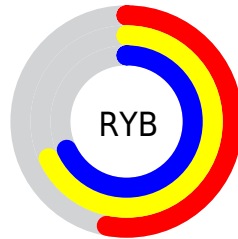
The CIELCh color $67, 26.292, 142.991$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $61, 26.308, 325.649$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 26.641, 142.686$, and $47, 26.160, 143.107$ is the 20% darker color. If you saturate the color by 10%, you get $66, 37.882, 142.159$, and if you desaturate by 10%, it is $69, 14.589, 143.712$.

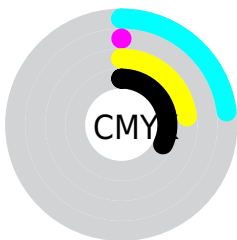
Distribution



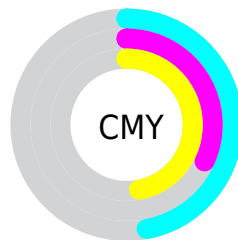
- Red (53%)
- Green (68%)
- Blue (53%)



- Red (53%)
- Yellow (68%)
- Blue (68%)



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





- Cyan (47%)
- Magenta (32%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 26.292, 142.991 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, 26.292, 142.991 by changing the saturation by 10% instead.


 67, 26.292,
142.991


 67, 26.292,
142.991


 100, 26.292,
142.991


 57, 26.292,
142.991


 87, 26.292,
142.991

 47, 26.292,
142.991

 97, 26.292,
142.991

 37, 26.292,
142.991

 27, 26.292,
142.991

 17, 26.292,
142.991

 7, 26.292, 142.991

 0, 26.292, 142.991

67, 26.292,
142.991

67, 26.292,
142.991

66, 37.882,
142.159

69, 14.589,
143.712

65, 49.121,
141.207

70, 2.942, 144.381

64, 59.716,
140.151

72, 8.521, 324.790

63, 69.300,
139.031

74, 19.718,
325.240

62, 77.445,
137.935

76, 30.595,
325.613

62, 83.690,
136.989

79, 41.125,
325.928

62, 87.669,
136.335

81, 51.296,
326.196

62, 89.516,

81, 51.325,
326.196

Harmonies

Complementary

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



67, 26.292, 142.991



61, 26.308, 325.649

Rectangle

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



67, 26.292, 142.991



67, 26.292, 192.991



67, 26.292, 322.991



67, 26.292, 12.991

Sweetspot

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



67, 26.294, 142.991



88, 10.018, 144.066



70, 21.147, 108.028



46, 6.504, 144.030



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, 26.294, 142.991



84, 38.900, 142.597



67, 18.192, 161.684



36, 6.580, 143.925



54, 80.802, 136.016



6, 13.854, 144.444

Inverse Universe

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



61, 26.308, 325.649



75, 38.905, 325.911



60, 18.704, 345.619



34, 6.590, 324.923



35, 77.959, 328.234



2, 13.856, 324.440

Previews

White Background



This preview shows how the CIELCh color 67, 26.292, 142.991 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, 26.292, 142.991 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, 26.292, 142.991

Background



This preview shows how black text looks on a background with the CIELCh color 67, 26.292, 142.991.

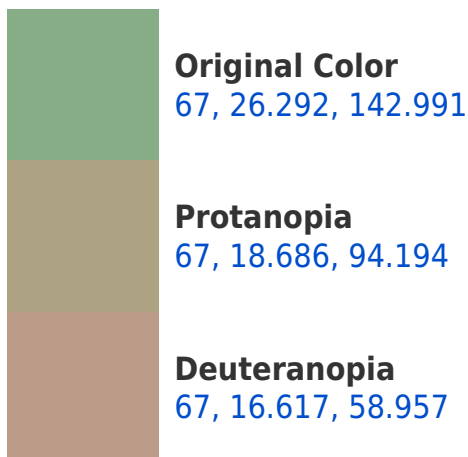


This preview shows how white text looks on a background with the CIELCh color 67, 26.292, 142.991.

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, 11.176, 239.020

Trichromacy



Original Color
67, 26.292, 142.991

Protanomaly
67, 19.373, 116.578

Deuteranomaly
66, 14.498, 99.006

Tritanomaly
67, 11.546, 181.707

Monochromacy



Original Color
67, 26.292, 142.991

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 9.487, 143.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 26.292, 142.991 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(134, 173, 134)` looks like.

```
.text, #text, p{  
    color:rgb(134, 173, 134)  
}
```

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(134, 173, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 173, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 26.292, 142.991 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(134, 173, 134) }
```

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

```
.border{ border-color:rgb(134, 173, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 173, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 173, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 173, 134);  
box-shadow:4px 4px 4px 4px rgb(134, 173,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 26.292, 142.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 173, 134) }
```

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

```
.background{ background-color: rgb(134,  
173, 134) }
```

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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