

Converting Colors

CIELCh(68, 35.007, 134.333)

Have a look what the booklet for
CIELCh(68, 35.007, 134.333)
contains.

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Color

CIELCh(68, 35.447, 134.379)

Conversions

Conversions Part 1

Format	Color
Hex	88B177
RGB	136, 177, 119
RGB Percent	53%, 69%, 47%
CMY	0.4670, 0.3062, 0.5336
CMYK	0.23, 0.00, 0.33, 0.31
HSL	102°, 27%, 58%
HSV	102°, 33%, 69%
XYZ	29.1736, 37.9720, 23.2216
YIQ	158.1290, -5.8180, -26.7300

Conversions

Conversions Part 2

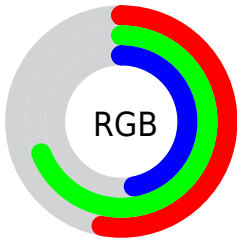
Format	Color
RYB	119, 177, 160
Decimal	8958327
CIELab	68.00, -24.79, 25.34
CIELCh	68, 35.447, 134.379
Yxy	37.9720, 0.3228, 0.4202
Android (android.graphics.Color)	4287148407 (0xFF88B177)
YUV	158.1290, -19.2906, -19.4071
Hunter-Lab	61.6215, -23.3299, 20.7920

Details

The CIELCh color **68, 35.447, 134.379** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **56, 36.290, 317.339**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 35.434, 134.650**, and **48, 35.202, 134.299** is the 20% darker color. If you saturate the color by 10%, you get **67, 46.006, 133.821**, and if you desaturate by 10%, it is **69, 24.666, 134.915**.

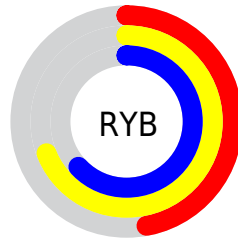
Distribution



Red (53%)

Green (69%)

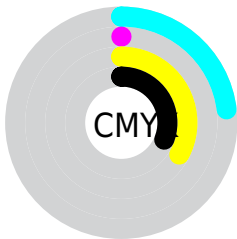
Blue (47%)



Red (47%)

Yellow (69%)

Blue (63%)

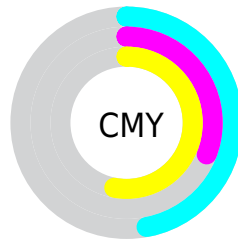


Cyan (23%)

Magenta (0%)

Yellow (33%)

Black (31%)



Cyan (47%)


Magenta (31%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 35.447, 134.379 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, 35.447, 134.379 by changing the saturation by 10% instead.


 68, 35.447,
134.379


 68, 35.447,
134.379


 100, 35.447,
134.379


 58, 35.447,
134.379


 88, 35.447,
134.379

 48, 35.447,
134.379

 98, 35.447,
134.379

 38, 35.447,
134.379

 28, 35.447,
134.379

 18, 35.447,
134.379

 8, 35.447, 134.379

 0, 35.447, 134.379

■ 68, 35.447,
134.379

■ 68, 35.447,
134.379

■ 67, 46.006,
133.821

■ 69, 24.666,
134.915

■ 66, 56.128,
133.274

■ 70, 13.808,
135.411

■ 65, 65.528,
132.797

■ 72, 2.984, 135.895

■ 65, 73.825,
132.484

■ 73, 7.728, 316.208

■ 64, 80.567,
132.457

■ 75, 18.275,
316.562

■ 64, 85.348,
132.830

■ 76, 28.619,
316.863

■ 63, 87.802,
133.237

■ 78, 38.737,
317.121

■ 80, 46.068,
318.832

■ 81, 47.828,
323.695

Harmonies

Complementary

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



68, 35.447, 134.379



56, 36.290, 317.339

Rectangle

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



68, 35.447, 134.379



68, 35.447, 184.379



68, 35.447, 314.379



68, 35.447, 4.379

Sweetspot

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



68, 35.448, 134.380



89, 13.334, 135.534



66, 23.528, 89.591



47, 9.093, 135.469



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 35.448, 134.380



85, 51.937, 133.996



67, 33.761, 148.018



37, 6.154, 135.573



55, 78.743, 133.090



7, 15.165, 138.020

Inverse Universe

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



56, 36.290, 317.339



67, 53.420, 317.624



57, 33.902, 332.617



35, 6.202, 316.322



28, 81.615, 317.719



2, 14.491, 312.638

Previews

White Background



This preview shows how the CIELCh color 68, 35.447, 134.379 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 68, 35.447, 134.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

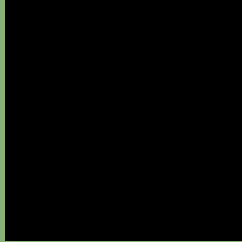
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 35.447, 134.379

Background



This preview shows how black text looks on a background with the CIELCh color 68, 35.447, 134.379.

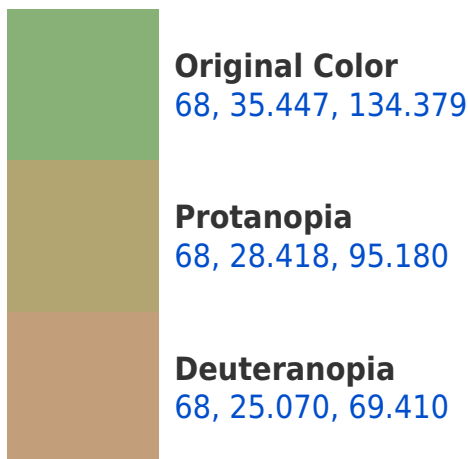


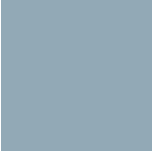
This preview shows how white text looks on a background with the CIELCh color 68, 35.447, 134.379.

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
68, 10.654, 241.346

Trichromacy



Original Color
68, 35.447, 134.379

Protanomaly
68, 28.833, 112.164

Deuteranomaly
68, 23.777, 98.615

Tritanomaly
68, 13.359, 165.875

Monochromacy



Original Color
68, 35.447, 134.379

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 13.017, 135.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 35.447, 134.379 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(136, 177, 119)` looks like.

```
.text, #text, p{  
    color:rgb(136, 177, 119)  
}
```

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(136, 177, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 177, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 35.447, 134.379 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(136, 177, 119) }
```

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

```
.border{ border-color:rgb(136, 177, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 177, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 177, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 177, 119);  
box-shadow:4px 4px 4px 4px rgb(136, 177,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 35.447, 134.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 177, 119) }
```

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

```
.background{ background-color: rgb(136,  
177, 119) }
```

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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