

Converting Colors

CIELCh(68, 33.370, 139.104)

Have a look what the booklet for
CIELCh(68, 33.370, 139.104)
contains.

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Color

CIELCh(68, 33.413, 139.075)

Conversions

Conversions Part 1

Format	Color
Hex	84B17D
RGB	132, 177, 125
RGB Percent	52%, 69%, 49%
CMY	0.4813, 0.3048, 0.5087
CMYK	0.25, 0.00, 0.29, 0.30
HSL	112°, 25%, 59%
HSV	112°, 29%, 70%
XYZ	29.0559, 37.9720, 25.2899
YIQ	157.6170, -10.1280, -25.7120

Conversions

Conversions Part 2

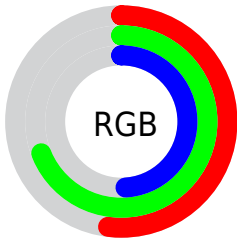
Format	Color
RYB	125, 177, 170
Decimal	8696189
CIELab	68.00, -25.25, 21.89
CIELCh	68, 33.413, 139.075
Yxy	37.9720, 0.3147, 0.4113
Android (android.graphics.Color)	4286886269 (0xFF84B17D)
YUV	157.6170, -16.0802, -22.4661
Hunter-Lab	61.6215, -23.6708, 18.8020

Details

The CIELCh color **68, 33.413, 139.075** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **59, 33.692, 322.077**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 33.464, 139.134**, and **48, 33.124, 139.259** is the 20% darker color. If you saturate the color by 10%, you get **67, 44.608, 138.359**, and if you desaturate by 10%, it is **69, 22.017, 139.719**.

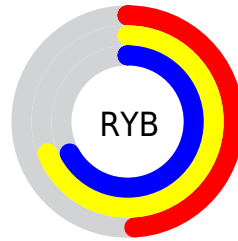
Distribution



Red (52%)

Green (69%)

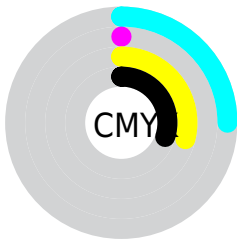
Blue (49%)



Red (49%)

Yellow (69%)

Blue (67%)

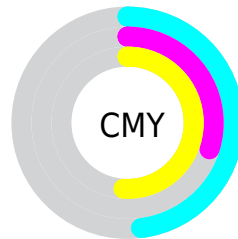


Cyan (25%)

Magenta (0%)

Yellow (29%)

Black (30%)



Cyan (48%)


Magenta (30%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 33.413, 139.075 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, 33.413, 139.075 by changing the saturation by 10% instead.


 68, 33.413,
139.075


 68, 33.413,
139.075


 100, 33.413,
139.075


 58, 33.413,
139.075


 88, 33.413,
139.075

 48, 33.413,
139.075


 98, 33.413,
139.075

 38, 33.413,
139.075

 28, 33.413,
139.075

 18, 33.413,
139.075

 8, 33.413, 139.075

 0, 33.413, 139.075

68, 33.413,
139.075

68, 33.413,
139.075

67, 44.608,
138.359

69, 22.017,
139.719

66, 55.368,
137.586

71, 10.587,
140.291

65, 65.392,
136.800

72, 0.750, 320.483

64, 74.292,
136.074

74, 11.906,
321.157

64, 81.604,
135.523

76, 22.821,
321.521

63, 86.874,
135.272

78, 33.458,
321.827

63, 90.097,
135.291

80, 43.795,
322.085

63, 90.281,

82, 48.639,
326.106

Harmonies

Complementary

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



68, 33.413, 139.075



59, 33.692, 322.077

Rectangle

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



68, 33.413, 139.075



68, 33.413, 189.075



68, 33.413, 319.075



68, 33.413, 9.075

Sweetspot

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



68, 33.414, 139.076



89, 12.581, 140.301



69, 24.237, 100.020



47, 8.741, 140.224



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, 33.414, 139.076



85, 49.063, 138.635



68, 27.050, 153.969



37, 6.454, 140.292



55, 80.897, 135.198



7, 15.732, 141.603

Inverse Universe

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



59, 33.692, 322.077



71, 49.524, 322.353



59, 27.459, 338.604



35, 6.480, 321.139



32, 79.730, 323.132



2, 15.303, 318.929

Previews

White Background



This preview shows how the CIELCh color 68, 33.413, 139.075 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, 33.413, 139.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

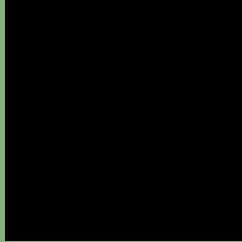
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 33.413, 139.075

Background



This preview shows how black text looks on a background with the CIELCh color 68, 33.413, 139.075.



This preview shows how white text looks on a background with the CIELCh color 68, 33.413, 139.075.

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, 33.413, 139.075

Protanopia
68, 25.169, 95.061

Deuteranopia
68, 21.975, 68.041



Tritanopia
68, 11.928, 235.850

Trichromacy



Original Color
68, 33.413, 139.075

Protanomaly
68, 25.760, 114.868

Deuteranomaly
68, 20.853, 102.338

Tritanomaly
68, 14.299, 173.101

Monochromacy



Original Color
68, 33.413, 139.075

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 12.234, 139.517

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 33.413, 139.075 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(132, 177, 125)` looks like.

```
.text, #text, p{  
    color:rgb(132, 177, 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(132, 177, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 177, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 33.413, 139.075 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(132, 177, 125) }
```

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

```
.border{ border-color:rgb(132, 177, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 177, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 177, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 177, 125);  
box-shadow:4px 4px 4px 4px rgb(132, 177,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 33.413, 139.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 177, 125) }
```

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

```
.background{ background-color: rgb(132,  
177, 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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