

Converting Colors

CIELCh(70, 35.045, 138.783)

Have a look what the booklet for
CIELCh(70, 35.045, 138.783)
contains.

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Color

CIELCh(70, 34.997, 138.736)

Conversions

Conversions Part 1

Format	Color
Hex	88B780
RGB	136, 183, 128
RGB Percent	53%, 72%, 50%
CMY	0.4660, 0.2817, 0.4974
CMYK	0.26, 0.00, 0.30, 0.28
HSL	111°, 28%, 61%
HSV	111°, 30%, 72%
XYZ	31.0566, 40.7494, 26.7069
YIQ	162.6770, -10.3570, -27.0690

Conversions

Conversions Part 2

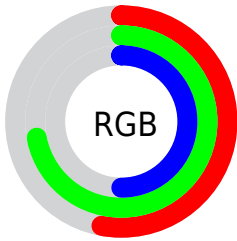
Format	Color
RYB	128, 183, 175
Decimal	8959872
CIELab	70.00, -26.31, 23.08
CIElCh	70, 34.997, 138.736
Yxy	40.7494, 0.3153, 0.4136
Android (android.graphics.Color)	4287149952 (0xFF88B780)
YUV	162.6770, -17.0958, -23.3957
Hunter-Lab	63.8353, -24.8694, 19.8794

Details

The CIELCh color **70, 34.997, 138.736** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 35.322, 321.786**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 35.013, 138.823**, and **50, 35.210, 138.388** is the 20% darker color. If you saturate the color by 10%, you get **69, 46.433, 138.027**, and if you desaturate by 10%, it is **71, 23.342, 139.377**.

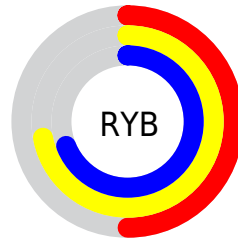
Distribution



Red (53%)

Green (72%)

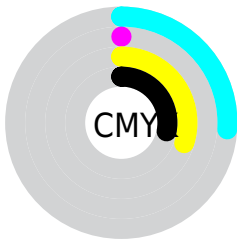
Blue (50%)



Red (50%)

Yellow (72%)

Blue (69%)

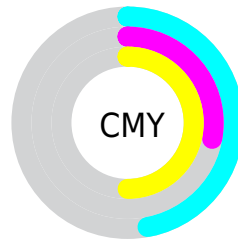


Cyan (26%)

Magenta (0%)

Yellow (30%)

Black (28%)



Cyan (47%)


Magenta (28%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 34.997, 138.736 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 70, 34.997, 138.736 by changing the saturation by 10% instead.


 70, 34.997,
138.736


 70, 34.997,
138.736


 100, 34.997,
138.736


 60, 34.997,
138.736


 90, 34.997,
138.736

 50, 34.997,
138.736

 40, 34.997,
138.736

 30, 34.997,
138.736

 20, 34.997,
138.736

 10, 34.997,
138.736

 0, 34.997, 138.736

70, 34.997,
138.736

70, 34.997,
138.736

69, 46.433,
138.027

71, 23.342,
139.377

68, 57.408,
137.268

73, 11.643,
139.947

67, 67.608,
136.504

74, 0.029, 147.586

66, 76.628,
135.815

76, 11.407,
320.814

66, 83.987,
135.317

78, 22.602,
321.180

65, 89.224,
135.136

80, 33.517,
321.487

65, 92.405,
135.208

82, 43.514,
322.224

83, 45.000,
325.983

Harmonies

Complementary

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



70, 34.997, 138.736



60, 35.322, 321.786

Rectangle

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



70, 34.997, 138.736



70, 34.997, 188.736



70, 34.997, 318.736



70, 34.997, 8.736

Sweetspot

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



70, 34.998, 138.737



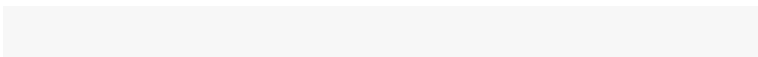
92, 12.876, 139.994



71, 25.474, 99.933



49, 9.028, 139.916



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 34.998, 138.737



87, 51.621, 138.278



70, 28.425, 153.892



38, 6.584, 139.984



56, 81.789, 135.112



8, 18.266, 141.536

Inverse Universe

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



60, 35.322, 321.786



73, 52.166, 322.072



60, 28.862, 338.669



36, 6.612, 320.824



33, 80.804, 322.732



3, 17.593, 318.576

Previews

White Background



This preview shows how the CIELCh color 70, 34.997, 138.736 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 70, 34.997, 138.736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

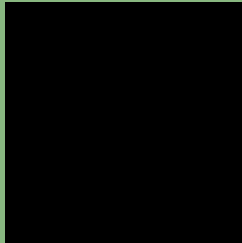
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 34.997, 138.736

Background



This preview shows how black text looks on a background with the CIELCh color 70, 34.997, 138.736.

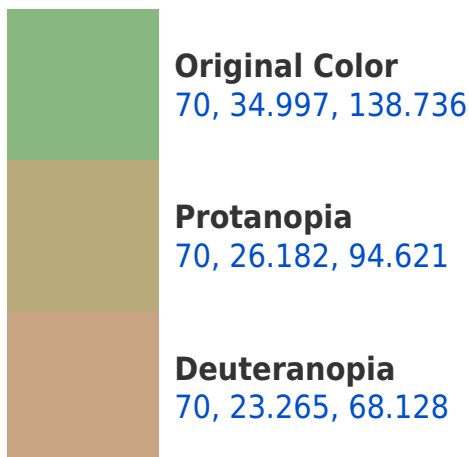


This preview shows how white text looks on a background with the CIELCh color 70, 34.997, 138.736.

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
70, 12.184, 238.007

Trichromacy



Original Color
70, 34.997, 138.736

Protanomaly
70, 27.186, 114.376

Deuteranomaly
70, 21.858, 101.482

Tritanomaly
70, 14.232, 173.155

Monochromacy



Original Color
70, 34.997, 138.736

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 12.841, 139.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 34.997, 138.736 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, 183, 128)` looks like.

```
.text, #text, p{  
    color:rgb(136, 183, 128)  
}
```

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, 183, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 183, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 34.997, 138.736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

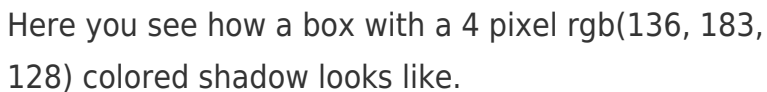
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 183, 128) }
```

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

```
.border{ border-color:rgb(136, 183, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 183, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 183, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 183, 128); box-shadow:4px 4px 4px 4px rgb(136, 183, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 34.997, 138.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 183, 128) }
```

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

```
.background{ background-color: rgb(136,  
183, 128) }
```

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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