

Converting Colors

CIELCh(71, 35.360, 138.669)

Have a look what the booklet for
CIELCh(71, 35.360, 138.669)
contains.

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Color

CIELCh(71, 35.554, 138.799)

Conversions

Conversions Part 1

Format	Color
Hex	8ABA82
RGB	138, 186, 130
RGB Percent	54%, 73%, 51%
CMY	0.4584, 0.2702, 0.4898
CMYK	0.26, 0.00, 0.30, 0.27
HSL	111°, 29%, 62%
HSV	111°, 30%, 73%
XYZ	32.1143, 42.1875, 27.6039
YIQ	165.2640, -10.6320, -27.5920

Conversions

Conversions Part 2

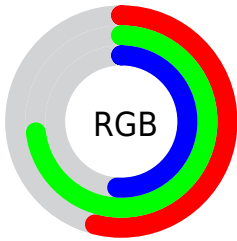
Format	Color
RYB	130, 186, 178
Decimal	9091714
CIELab	71.00, -26.75, 23.42
CIELCh	71, 35.554, 138.799
Yxy	42.1875, 0.3151, 0.4140
Android (android.graphics.Color)	4287281794 (0xFF8ABA82)
YUV	165.2640, -17.3852, -23.9105
Hunter-Lab	64.9519, -25.4098, 20.2687

Details

The CIELCh color **71, 35.554, 138.799** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61, 35.878, 321.869**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 35.563, 138.887**, and **51, 35.980, 138.928** is the 20% darker color. If you saturate the color by 10%, you get **70, 47.144, 138.085**, and if you desaturate by 10%, it is **72, 23.739, 139.444**.

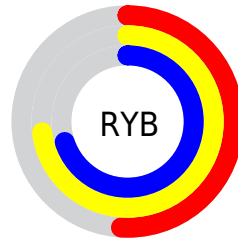
Distribution



Red (54%)

Green (73%)

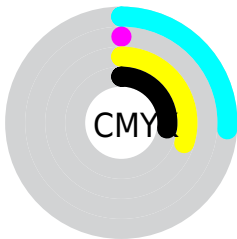
Blue (51%)



Red (51%)

Yellow (73%)

Blue (70%)

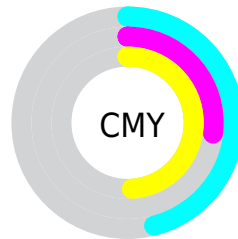


Cyan (26%)

Magenta (0%)

Yellow (30%)

Black (27%)



Cyan (46%)


Magenta (27%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 35.554, 138.799 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 71, 35.554, 138.799 by changing the saturation by 10% instead.


 71, 35.554,
138.799


 71, 35.554,
138.799


 100, 35.554,
138.799


 61, 35.554,
138.799


 91, 35.554,
138.799

 51, 35.554,
138.799

 41, 35.554,
138.799

 31, 35.554,
138.799

 21, 35.554,
138.799

 11, 35.554,
138.799

 1, 35.554, 138.799

0, 35.554, 138.799

71, 35.554,
138.799

71, 35.554,
138.799

70, 47.144,
138.085

72, 23.739,
139.444

69, 58.261,
137.320

74, 11.877,
140.017

68, 68.586,
136.550

76, 0.102, 142.564

67, 77.704,
135.856

77, 11.492,
320.888

67, 85.127,
135.353

79, 22.842,
321.256

66, 90.388,
135.168

81, 33.907,
321.564

■ 66, 93.540,
135.239

■ 83, 42.309,
323.735

■ 84, 43.181,
325.921

Harmonies

Complementary

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



71, 35.554, 138.799



61, 35.878, 321.869

Rectangle

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



71, 35.554, 138.799



71, 35.554, 188.799



71, 35.554, 318.799



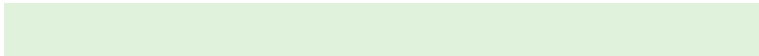
71, 35.554, 8.799

Sweetspot

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



71, 35.556, 138.800



94, 13.111, 140.068



72, 25.859, 99.922



50, 9.193, 139.988



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 35.556, 138.800



89, 52.562, 138.342



71, 28.853, 153.883



38, 6.590, 140.058



56, 81.815, 135.136



8, 18.277, 141.590

Inverse Universe

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



61, 35.878, 321.869



74, 53.103, 322.153



61, 29.297, 338.677



36, 6.617, 320.901



33, 80.780, 322.827



3, 17.612, 318.686

Previews

White Background



This preview shows how the CIELCh color 71, 35.554, 138.799 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 71, 35.554, 138.799 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 71, 35.554, 138.799

Background



This preview shows how black text looks on a background with the CIELCh color 71, 35.554, 138.799.

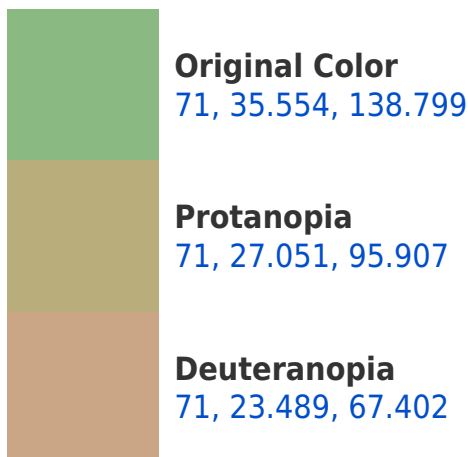


This preview shows how white text looks on a background with the CIELCh color 71, 35.554, 138.799.

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
71, 12.413, 236.997

Trichromacy



Original Color
71, 35.554, 138.799

Protanomaly
71, 28.211, 114.882

Deuteranomaly
70, 21.814, 101.512

Tritanomaly
71, 14.776, 171.846

Monochromacy



Original Color
71, 35.554, 138.799

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 13.473, 139.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 35.554, 138.799 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(138, 186, 130)` looks like.

```
.text, #text, p{  
    color:rgb(138, 186, 130)  
}
```

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(138, 186, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 186, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 35.554, 138.799 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(138, 186, 130) }
```

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

```
.border{ border-color:rgb(138, 186, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 186, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 186, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 186, 130);  
box-shadow:4px 4px 4px 4px rgb(138, 186,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 35.554, 138.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 186, 130) }
```

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

```
.background{ background-color: rgb(138,  
186, 130) }
```

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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