

Converting Colors

CIELCh(68, 33.089, 141.578)

Have a look what the booklet for
CIELCh(68, 33.089, 141.578)
contains.

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Color

CIELCh(68, 33.089, 141.578)

Conversions

Conversions Part 1

Format	Color
Hex	82B280
RGB	130, 178, 128
RGB Percent	51%, 70%, 50%
CMY	0.4915, 0.3033, 0.4993
CMYK	0.27, 0.00, 0.28, 0.30
HSL	118°, 24%, 60%
HSV	118°, 28%, 70%
XYZ	28.8808, 37.9720, 26.1163
YIQ	157.9480, -12.5580, -25.7260

Conversions

Conversions Part 2

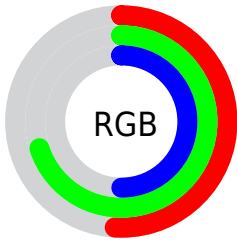
Format	Color
RYB	128, 178, 176
Decimal	8565376
CIELab	68.00, -25.92, 20.56
CIELCh	68, 33.089, 141.578
Yxy	37.9720, 0.3106, 0.4084
Android (android.graphics.Color)	4286755456 (0xFF82B280)
YUV	157.9480, -14.7644, -24.5104
Hunter-Lab	61.6215, -24.1780, 18.0069

Details

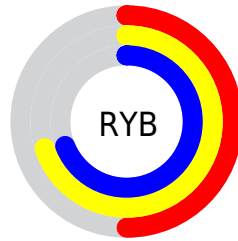
The CIELCh color **68, 33.089, 141.578** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 33.162, 324.808**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 33.153, 141.542**, and **48, 33.259, 141.313** is the 20% darker color. If you saturate the color by 10%, you get **67, 44.645, 140.739**, and if you desaturate by 10%, it is **69, 21.314, 142.314**.

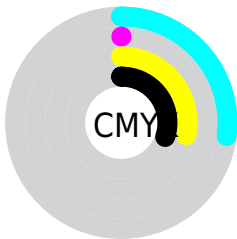
Distribution



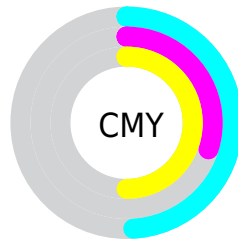
- Red (51%)
- Green (70%)
- Blue (50%)



- Red (50%)
- Yellow (70%)
- Blue (69%)



- Cyan (27%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)





- Cyan (49%)
- Magenta (30%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 33.089, 141.578 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, 33.089, 141.578 by changing the saturation by 10% instead.


 68, 33.089,
141.578


 68, 33.089,
141.578


 100, 33.089,
141.578


 58, 33.089,
141.578


 88, 33.089,
141.578

 48, 33.089,
141.578


 98, 33.089,
141.578

 38, 33.089,
141.578

 28, 33.089,
141.578

 18, 33.089,
141.578

 8, 33.089, 141.578

 0, 33.089, 141.578

68, 33.089,
141.578

68, 33.089,
141.578

67, 44.645,
140.739

69, 21.314,
142.314

66, 55.720,
139.802

71, 9.511, 142.956

65, 65.987,
138.801

73, 2.174, 323.363

64, 75.042,
137.801

75, 13.640,
323.907

64, 82.417,
136.913

77, 24.821,
324.300

63, 87.659,
136.274

79, 35.678,
324.630

63, 90.660,
135.924

81, 46.190,
324.909

63, 91.111,

82, 48.413,
326.098

135.843

Harmonies

Complementary

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



68, 33.089, 141.578



60, 33.162, 324.808

Rectangle

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



68, 33.089, 141.578



68, 33.089, 191.578



68, 33.089, 321.578



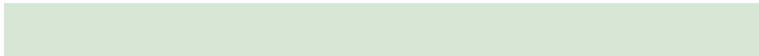
68, 33.089, 11.578

Sweetspot

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



68, 33.090, 141.578



90, 11.622, 142.956



71, 25.640, 105.291



48, 8.335, 142.864



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 33.090, 141.578



86, 49.573, 141.048



68, 24.045, 158.589



37, 6.653, 142.883



55, 81.569, 135.808



7, 16.099, 143.622

Inverse Universe

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



60, 33.162, 324.808



73, 49.663, 325.125



59, 24.690, 343.455



35, 6.668, 323.834



35, 79.080, 326.688



2, 15.950, 322.806

Previews

White Background



This preview shows how the CIELCh color 68, 33.089, 141.578 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, 33.089, 141.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

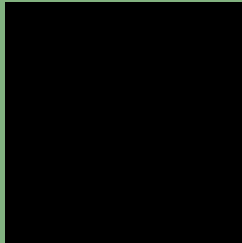
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 33.089, 141.578

Background



This preview shows how black text looks on a background with the CIELCh color 68, 33.089, 141.578.



This preview shows how white text looks on a background with the CIELCh color 68, 33.089, 141.578.

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](#).

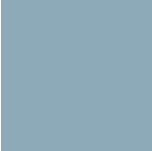
Dichromacy



Original Color
68, 33.089, 141.578

Protanopia
68, 24.019, 95.641

Deuteranopia
68, 20.390, 66.253



Tritanopia
68, 12.742, 236.186

Trichromacy



Original Color
68, 33.089, 141.578

Protanomaly
68, 25.335, 116.892

Deuteranomaly
68, 19.709, 104.545

Tritanomaly
68, 14.434, 178.054

Monochromacy



Original Color
68, 33.089, 141.578

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 11.971, 142.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 33.089, 141.578 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(130, 178, 128)` looks like.

```
.text, #text, p{  
    color:rgb(130, 178, 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(130, 178, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 178, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 33.089, 141.578 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(130, 178, 128) }
```

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

```
.border{ border-color:rgb(130, 178, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 178, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 178, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 178, 128); box-shadow:4px 4px 4px 4px rgb(130, 178, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 33.089, 141.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 178, 128) }
```

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

```
.background{ background-color: rgb(130,  
178, 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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