

Converting Colors

CIELCh(68, 33.204, 141.085)

Have a look what the booklet for
CIELCh(68, 33.204, 141.085)
contains.

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Color

CIELCh(68, 33.544, 141.071)

Conversions

Conversions Part 1

Format	Color
Hex	82B27F
RGB	130, 178, 127
RGB Percent	51%, 70%, 50%
CMY	0.4913, 0.3031, 0.5030
CMYK	0.27, 0.00, 0.29, 0.30
HSL	116°, 25%, 60%
HSV	116°, 29%, 70%
XYZ	28.8368, 37.9720, 25.7932
YIQ	157.8340, -12.2370, -26.0370

Conversions

Conversions Part 2

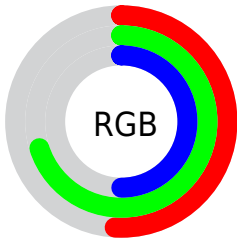
Format	Color
RYB	127, 178, 175
Decimal	8565375
CIELab	68.00, -26.09, 21.08
CIELCh	68, 33.544, 141.071
Yxy	37.9720, 0.3114, 0.4101
Android (android.graphics.Color)	4286755455 (0xFF82B27F)
YUV	157.8340, -15.2012, -24.4104
Hunter-Lab	61.6215, -24.3056, 18.3177

Details

The CIELCh color **68, 33.544, 141.071** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **59, 33.654, 324.291**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 33.589, 141.064**, and **48, 33.733, 140.775** is the 20% darker color. If you saturate the color by 10%, you get **67, 45.025, 140.254**, and if you desaturate by 10%, it is **69, 21.842, 141.791**.

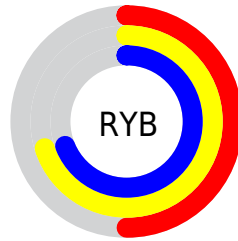
Distribution



Red (51%)

Green (70%)

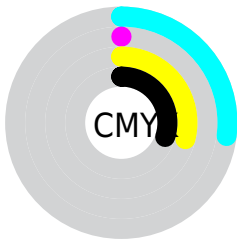
Blue (50%)



Red (50%)

Yellow (70%)

Blue (69%)

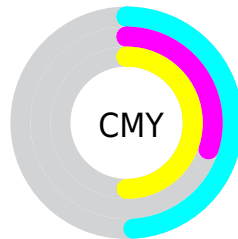


Cyan (27%)

Magenta (0%)

Yellow (29%)

Black (30%)



Cyan (49%)


Magenta (30%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 33.544, 141.071 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, 33.544, 141.071 by changing the saturation by 10% instead.


 68, 33.544,
141.071


 68, 33.544,
141.071


 100, 33.544,
141.071


 58, 33.544,
141.071


 88, 33.544,
141.071

 48, 33.544,
141.071

 98, 33.544,
141.071

 38, 33.544,
141.071

 28, 33.544,
141.071

 18, 33.544,
141.071

 8, 33.544, 141.071

 0, 33.544, 141.071

68, 33.544,
141.071

68, 33.544,
141.071

67, 45.025,
140.254

69, 21.842,
141.791

66, 56.025,
139.350

71, 10.106,
142.420

65, 66.222,
138.392

73, 1.520, 322.779

64, 75.212,
137.451

75, 12.938,
323.358

64, 82.525,
136.638

77, 24.081,
323.747

63, 87.709,
136.089

79, 34.909,
324.073

63, 90.708,
135.814

81, 45.403,
324.348

63, 91.029,

82, 48.380,
326.097

135.761

Harmonies

Complementary

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



68, 33.544, 141.071



59, 33.654, 324.291

Rectangle

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



68, 33.544, 141.071



68, 33.544, 191.071



68, 33.544, 321.071



68, 33.544, 11.071

Sweetspot

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



68, 33.545, 141.071



90, 13.005, 142.392



70, 25.734, 104.450



48, 9.119, 142.305



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, 33.545, 141.071



86, 49.280, 140.601



68, 24.841, 157.735



37, 6.612, 142.382



55, 81.460, 135.710



7, 16.025, 143.228

Inverse Universe

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



59, 33.654, 324.291



73, 49.435, 324.574



59, 25.459, 342.635



35, 6.629, 323.310



34, 79.178, 325.968



2, 15.811, 322.034

Previews

White Background



This preview shows how the CIELCh color 68, 33.544, 141.071 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 CIE LCh color 68, 33.544, 141.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

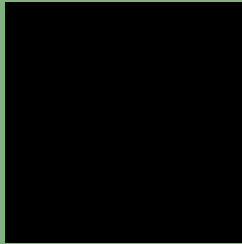
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 33.544, 141.071

Background



This preview shows how black text looks on a background with the CIELCh color 68, 33.544, 141.071.



This preview shows how white text looks on a background with the CIELCh color 68, 33.544, 141.071.

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](#).

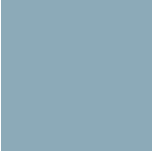
Dichromacy



Original Color
68, 33.544, 141.071

Protanopia
68, 24.548, 95.828

Deuteranopia
68, 21.112, 66.327



Tritanopia
68, 12.742, 236.186

Trichromacy



Original Color
68, 33.544, 141.071

Protanomaly
68, 25.862, 116.661

Deuteranomaly
68, 20.277, 103.415

Tritanomaly
68, 14.673, 176.072

Monochromacy



Original Color
68, 33.544, 141.071

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, 33.544, 141.071 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(130, 178, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 178, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 33.544, 141.071 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, 127) }
```

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

```
.border{ border-color:rgb(130, 178, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 178, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 178, 127);  
box-shadow:4px 4px 4px 4px rgb(130, 178,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 33.544, 141.071 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, 127) }
```

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

```
.background{ background-color: rgb(130,  
178, 127) }
```

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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