

Converting Colors

CIELCh(68, 32.211, 142.622)

Have a look what the booklet for
CIELCh(68, 32.211, 142.622)
contains.

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Color

CIELCh(68, 32.184, 142.633)

Conversions

Conversions Part 1

Format	Color
Hex	82B282
RGB	130, 178, 130
RGB Percent	51%, 70%, 51%
CMY	0.4919, 0.3037, 0.4919
CMYK	0.27, 0.00, 0.27, 0.30
HSL	120°, 24%, 60%
HSV	120°, 27%, 70%
XYZ	28.9698, 37.9720, 26.7711
YIQ	158.1760, -13.2000, -25.1040

Conversions

Conversions Part 2

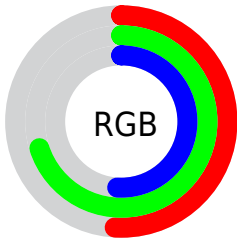
Format	Color
RYB	130, 178, 178
Decimal	8565378
CIELab	68.00, -25.58, 19.53
CIElCh	68, 32.184, 142.633
Yxy	37.9720, 0.3091, 0.4052
Android (android.graphics.Color)	4286755458 (0xFF82B282)
YUV	158.1760, -13.8908, -24.7104
Hunter-Lab	61.6215, -23.9201, 17.3768

Details

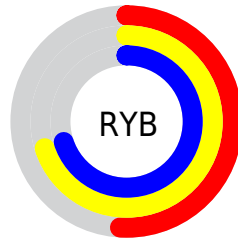
The CIELCh color **68, 32.184, 142.633** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 32.191, 325.894**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 32.285, 142.534**, and **48, 32.312, 142.431** is the 20% darker color. If you saturate the color by 10%, you get **67, 43.897, 141.745**, and if you desaturate by 10%, it is **69, 20.255, 143.404**.

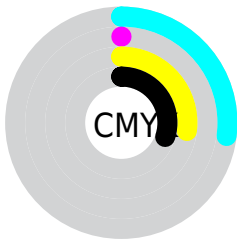
Distribution



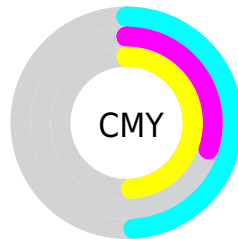
- Red (51%)
- Green (70%)
- Blue (51%)



- Red (51%)
- Yellow (70%)
- Blue (70%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 32.184, 142.633 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, 32.184, 142.633 by changing the saturation by 10% instead.


 68, 32.184,
142.633


 68, 32.184,
142.633


 100, 32.184,
142.633


 58, 32.184,
142.633


 88, 32.184,
142.633

 48, 32.184,
142.633

 98, 32.184,
142.633

 38, 32.184,
142.633

 28, 32.184,
142.633

 18, 32.184,
142.633

 8, 32.184, 142.633

 0, 32.184, 142.633

68, 32.184,
142.633

68, 32.184,
142.633

67, 43.897,
141.745

69, 20.255,
143.404

66, 55.122,
140.740

71, 8.311, 144.075

65, 65.525,
139.645

73, 3.498, 324.534

64, 74.700,
138.520

75, 15.067,
325.056

64, 82.184,
137.473

77, 26.330,
325.460

63, 87.527,
136.644

79, 37.247,
325.800

63, 90.561,
136.141

82, 47.800,
326.088

63, 91.285,

82, 48.478,
326.100

Harmonies

Complementary

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



68, 32.184, 142.633



60, 32.191, 325.894

Rectangle

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



68, 32.184, 142.633



68, 32.184, 192.633



68, 32.184, 322.633



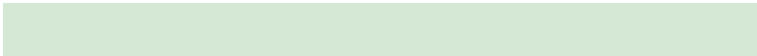
68, 32.184, 12.633

Sweetspot

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



68, 32.185, 142.633



90, 11.773, 144.004



71, 25.830, 107.597



48, 8.444, 143.907



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, 32.185, 142.633



86, 47.292, 142.157



69, 22.219, 161.222



37, 6.739, 143.927



55, 81.799, 136.018



6, 16.258, 144.447

Inverse Universe

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



60, 32.191, 325.894



74, 47.269, 326.183



60, 22.967, 346.083



35, 6.750, 324.930



36, 78.915, 328.240



3, 16.258, 324.447

Previews

White Background



This preview shows how the CIELCh color 68, 32.184, 142.633 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, 32.184, 142.633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

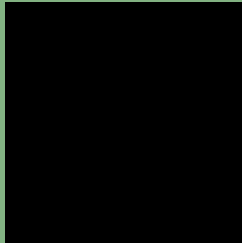
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 32.184, 142.633

Background



This preview shows how black text looks on a background with the CIELCh color 68, 32.184, 142.633.



This preview shows how white text looks on a background with the CIELCh color 68, 32.184, 142.633.

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, 32.184, 142.633

Protanopia
68, 22.961, 95.235

Deuteranopia
68, 19.551, 64.301



Tritanopia
68, 13.002, 235.300

Trichromacy



Original Color
68, 32.184, 142.633

Protanomaly
68, 24.280, 117.376

Deuteranomaly
68, 18.627, 104.466

Tritanomaly
68, 14.434, 178.054

Monochromacy



Original Color
68, 32.184, 142.633

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 11.508, 143.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 32.184, 142.633 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, 130)` looks like.

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

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

Border

The CSS property to change the border of an element to CIELCh 68, 32.184, 142.633 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, 130) }
```

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

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

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, 130)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 68, 32.184, 142.633 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, 130) }
```

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

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