

Converting Colors

CIELCh(68, 34.802, 154.402)

Have a look what the booklet for
CIELCh(68, 34.802, 154.402)
contains.

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Color

CIELCh(68, 34.431, 154.767)

Conversions

Conversions Part 1

Format	Color
Hex	6FB48A
RGB	111, 180, 138
RGB Percent	44%, 71%, 54%
CMY	0.5638, 0.2932, 0.4580
CMYK	0.38, 0.00, 0.23, 0.29
HSL	143°, 32%, 57%
HSV	143°, 38%, 71%
XYZ	27.5556, 37.9720, 30.0054
YIQ	154.5810, -27.6420, -27.6900

Conversions

Conversions Part 2

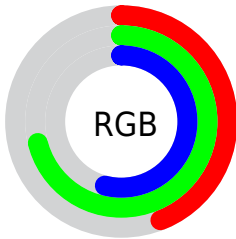
Format	Color
RYB	111, 161, 180
Decimal	7320714
CIELab	68.00, -31.15, 14.68
CIElCh	68, 34.431, 154.767
Yxy	37.9720, 0.2884, 0.3975
Android (android.graphics.Color)	4285510794 (0xFF6FB48A)
YUV	154.5810, -8.1744, -38.2205
Hunter-Lab	61.6215, -28.0166, 14.2649

Details

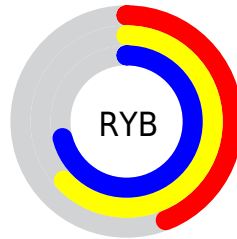
The CIELCh color $68, 34.431, 154.767$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $56, 35.244, 341.427$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 34.161, 155.127$, and $48, 34.498, 154.613$ is the 20% darker color. If you saturate the color by 10%, you get $67, 42.905, 153.539$, and if you desaturate by 10%, it is $69, 25.610, 155.842$.

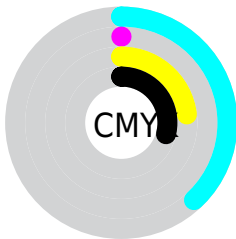
Distribution



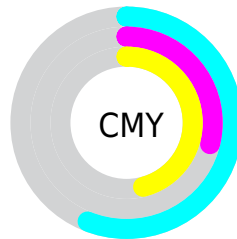
- Red (44%)
- Green (71%)
- Blue (54%)



- Red (44%)
- Yellow (63%)
- Blue (71%)



- Cyan (38%)
- Magenta (0%)
- Yellow (23%)
- Black (29%)





- Cyan (56%)
- Magenta (29%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 34.431, 154.767 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, 34.431, 154.767 by changing the saturation by 10% instead.


 68, 34.431,
154.767

 68, 34.431,
154.767


 100, 34.431,
154.767

 58, 34.431,
154.767


 88, 34.431,
154.767

 48, 34.431,
154.767

 98, 34.431,
154.767

 38, 34.431,
154.767

 28, 34.431,
154.767

 18, 34.431,
154.767

 8, 34.431, 154.767

 0, 34.431, 154.767

■ 68, 34.431,
154.767

■ 68, 34.431,
154.767

■ 67, 42.905,
153.539

■ 69, 25.610,
155.842

■ 66, 50.872,
152.138

■ 71, 16.590,
156.792

■ 65, 58.180,
150.545

■ 72, 7.501, 157.648

■ 65, 64.706,
148.752

■ 74, 1.550, 338.123

■ 75, 10.481,
338.973

■ 65, 70.378,
146.773

■ 77, 19.233,
339.586

■ 64, 75.235,
144.685

■ 79, 27.765,
340.135

■ 64, 76.023,
144.349

■ 82, 35.945,
340.459

■ 82, 39.712,
333.995

Harmonies

Complementary

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



68, 34.431, 154.767



56, 35.244, 341.427

Rectangle

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



68, 34.431, 154.767



68, 34.431, 204.767



68, 34.431, 334.767



68, 34.431, 24.767

Sweetspot

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



68, 34.432, 154.767



91, 12.349, 157.406



70, 38.424, 122.939



48, 8.294, 157.293



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, 34.432, 154.767



85, 50.749, 153.735



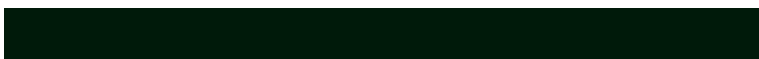
69, 23.834, 186.705



37, 5.088, 157.562



55, 66.918, 144.653



7, 13.132, 154.375

Inverse Universe

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



56, 35.244, 341.427



67, 52.003, 342.324



55, 29.259, 14.174



35, 5.127, 338.872



33, 60.083, 351.661



2, 11.374, 343.778

Previews

White Background



This preview shows how the CIELCh color 68, 34.431, 154.767 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, 34.431, 154.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

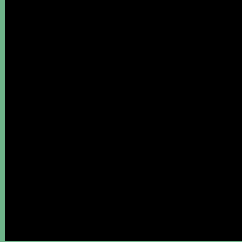
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 34.431, 154.767

Background



This preview shows how black text looks on a background with the CIELCh color 68, 34.431, 154.767.



This preview shows how white text looks on a background with the CIELCh color 68, 34.431, 154.767.

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, 34.431, 154.767

Protanopia
68, 19.057, 95.766

Deuteranopia
68, 15.125, 55.494



Tritanopia
68, 18.550, 222.910

Trichromacy



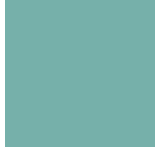
Original Color
68, 34.431, 154.767



Protanomaly
68, 21.604, 128.576



Deuteranomaly
67, 14.453, 118.190



Tritanomaly
68, 20.366, 188.326

Monochromacy



Original Color
68, 34.431, 154.767



Achromatopsia
64, 0.008, 296.813



Achromatomaly
65, 12.716, 157.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 34.431, 154.767 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(111, 180, 138)` looks like.

```
.text, #text, p{  
    color:rgb(111, 180, 138)  
}
```

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(111, 180, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 180, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 34.431, 154.767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

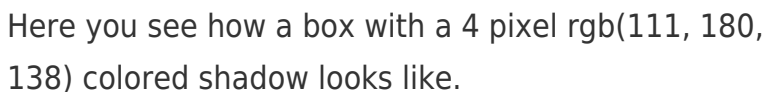
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 180, 138) }
```

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

```
.border{ border-color:rgb(111, 180, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 180, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 180, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 180, 138);  
box-shadow:4px 4px 4px 4px rgb(111, 180,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 34.431, 154.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 180, 138) }
```

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

```
.background{ background-color: rgb(111,  
180, 138) }
```

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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