

Converting Colors

CIELCh(68, 43.234, 150.308)

Have a look what the booklet for
CIELCh(68, 43.234, 150.308)
contains.

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Color

CIELCh(68, 43.394, 150.456)

Conversions

Conversions Part 1

Format	Color
Hex	65B77E
RGB	101, 183, 126
RGB Percent	40%, 72%, 49%
CMY	0.6052, 0.2837, 0.5071
CMYK	0.45, 0.00, 0.31, 0.28
HSL	138°, 36%, 56%
HSV	138°, 45%, 72%
XYZ	25.9381, 37.9720, 25.5939
YIQ	151.9840, -30.5750, -35.1110

Conversions

Conversions Part 2

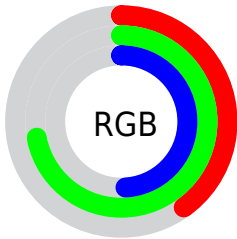
Format	Color
RYB	101, 164, 183
Decimal	6666110
CIELab	68.00, -37.75, 21.40
CIELCh	68, 43.394, 150.456
Yxy	37.9720, 0.2898, 0.4242
Android (android.graphics.Color)	4284856190 (0xFF65B77E)
YUV	151.9840, -12.8101, -44.7130
Hunter-Lab	61.6215, -32.7022, 18.5095

Details

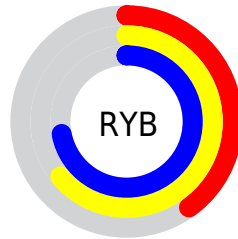
The CIELCh color **68, 43.394, 150.456** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **54, 43.869, 337.912**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 43.630, 150.326**, and **48, 42.961, 150.739** is the 20% darker color. If you saturate the color by 10%, you get **67, 52.289, 149.157**, and if you desaturate by 10%, it is **69, 34.027, 151.588**.

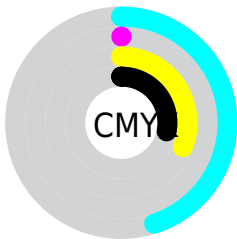
Distribution



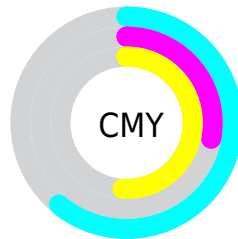
- Red (40%)
- Green (72%)
- Blue (49%)



- Red (40%)
- Yellow (64%)
- Blue (72%)



- Cyan (45%)
- Magenta (0%)
- Yellow (31%)
- Black (28%)




- Cyan (61%)
- Magenta (28%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 43.394, 150.456 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, 43.394, 150.456 by changing the saturation by 10% instead.


 68, 43.394,
150.456

 68, 43.394,
150.456


 100, 43.394,
150.456


 58, 43.394,
150.456


 88, 43.394,
150.456

 48, 43.394,
150.456

 98, 43.394,
150.456

 38, 43.394,
150.456

 28, 43.394,
150.456

 18, 43.394,
150.456

 8, 43.394, 150.456

 0, 43.394, 150.456

■ 68, 43.394,
150.456

■ 68, 43.394,
150.456

■ 67, 52.289,
149.157

■ 69, 34.027,
151.588

■ 66, 60.524,
147.678

■ 70, 24.362,
152.573

■ 66, 67.931,
146.016

■ 72, 14.561,
153.437

■ 65, 74.375,
144.190

■ 73, 4.756, 154.229

■ 65, 79.777,
142.255

■ 75, 4.949, 334.755

■ 77, 14.477,
335.378

■ 65, 82.214,
141.319

■ 79, 23.774,
335.905

■ 81, 32.807,
336.374

■ 83, 39.307,
332.677

Harmonies

Complementary

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



68, 43.394, 150.456



54, 43.869, 337.912

Rectangle

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



68, 43.394, 150.456



68, 43.394, 200.456



68, 43.394, 330.456



68, 43.394, 20.456

Sweetspot

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



68, 43.395, 150.456



91, 15.709, 153.571



71, 44.473, 119.260



49, 11.089, 153.393



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 43.395, 150.456



85, 63.598, 149.156



69, 29.059, 178.913



38, 5.550, 153.876



56, 72.569, 141.587



8, 16.157, 151.351

Inverse Universe

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



54, 43.869, 337.912



64, 63.930, 338.856



52, 35.191, 9.043



36, 5.579, 335.093



34, 63.766, 344.968



3, 14.004, 339.606

Previews

White Background



This preview shows how the CIELCh color 68, 43.394, 150.456 looks on a white background.

Color Contrast Check

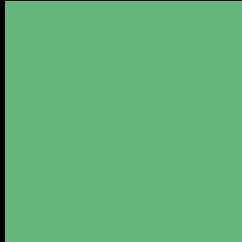
Large Text (above 18pt) WCAG AA × Fail

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, 43.394, 150.456 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, 43.394, 150.456

Background



This preview shows how black text looks on a background with the CIELCh color 68, 43.394, 150.456.

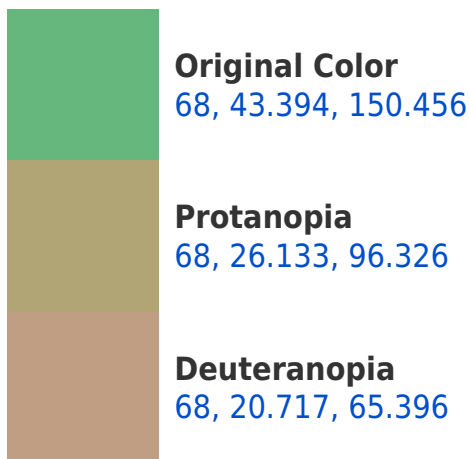


This preview shows how white text looks on a background with the CIELCh color 68, 43.394, 150.456.

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
68, 20.617, 220.129

Trichromacy



Original Color
68, 43.394, 150.456



Protanomaly
67, 28.630, 125.547



Deuteranomaly
67, 21.023, 116.897



Tritanomaly
68, 24.369, 181.577

Monochromacy



Original Color
68, 43.394, 150.456



Achromatopsia
63, 0.008, 296.813



Achromatomaly
64, 16.479, 152.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 43.394, 150.456 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(101, 183, 126)` looks like.

```
.text, #text, p{  
    color:rgb(101, 183, 126)  
}
```

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(101, 183, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 183, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 43.394, 150.456 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(101, 183, 126) }
```

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

```
.border{ border-color:rgb(101, 183, 126) }
```

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

Here you see how a box with a 4 pixel rgb(101, 183, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 183, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 183, 126);  
box-shadow:4px 4px 4px 4px rgb(101, 183,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 43.394, 150.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 183, 126) }
```

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

```
.background{ background-color: rgb(101,  
183, 126) }
```

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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