

Converting Colors

CIELCh(67, 52.606, 154.287)

Have a look what the booklet for
CIELCh(67, 52.606, 154.287)
contains.

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Color

CIELCh(67, 52.841, 154.080)

Conversions

Conversions Part 1

Format	Color
Hex	43B878
RGB	67, 184, 120
RGB Percent	26%, 72%, 47%
CMY	0.7391, 0.2800, 0.5309
CMYK	0.64, 0.00, 0.35, 0.28
HSL	147°, 47%, 49%
HSV	147°, 64%, 72%
XYZ	22.7035, 36.6320, 23.5221
YIQ	141.7210, -49.1880, -44.7080

Conversions

Conversions Part 2

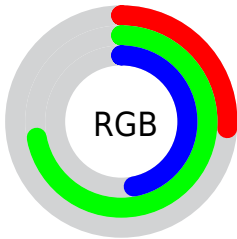
Format	Color
RYB	67, 148, 184
Decimal	4438136
CIELab	67.00, -47.53, 23.10
CIELCh	67, 52.841, 154.080
Yxy	36.6320, 0.2740, 0.4421
Android (android.graphics.Color)	4282628216 (0xFF43B878)
YUV	141.7210, -10.7085, -65.5303
Hunter-Lab	60.5244, -38.9598, 19.3246

Details

The CIELCh color **67, 52.841, 154.080** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **47, 54.643, 348.260**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 52.694, 154.094**, and **48, 50.691, 152.327** is the 20% darker color. If you saturate the color by 10%, you get **66, 59.384, 152.345**, and if you desaturate by 10%, it is **68, 45.584, 155.613**.

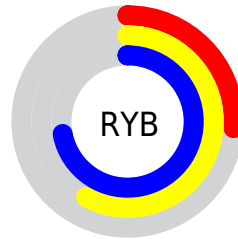
Distribution



Red (26%)

Green (72%)

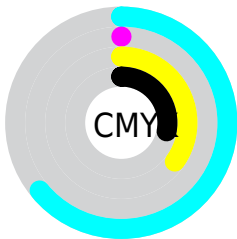
Blue (47%)



Red (26%)

Yellow (58%)

Blue (72%)

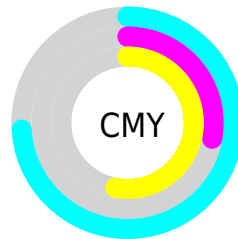


Cyan (64%)

Magenta (0%)

Yellow (35%)

Black (28%)



Cyan (74%)


Magenta (28%)


Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 52.841, 154.080 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 67, 52.841, 154.080 by changing the saturation by 10% instead.

 67, 52.841,
154.080


 67, 52.841,
154.080


 100, 52.841,
154.080

 57, 52.841,
154.080

 87, 52.841,
154.080

 47, 52.841,
154.080

 97, 52.841,
154.080

 37, 52.841,
154.080

 27, 52.841,
154.080

 17, 52.841,
154.080

 7, 52.841, 154.080

 0, 52.841, 154.080

■ 67, 52.841,
154.080

■ 67, 52.841,
154.080

■ 66, 59.384,
152.345

■ 68, 45.584,
155.613

■ 66, 65.131,
150.404

■ 69, 37.734,
156.962

■ 66, 70.069,
148.275

■ 70, 29.438,
158.149

■ 66, 72.854,
146.941

■ 71, 20.845,
159.199

■ 72, 12.091,
160.140

■ 74, 3.295, 161.051

■ 76, 5.449, 341.621

■ 78, 14.068,
342.341

■ 80, 22.510,
342.972

Harmonies

Complementary

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



67, 52.841, 154.080



47, 54.643, 348.260

Rectangle

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



67, 52.841, 154.080



67, 52.841, 204.080



67, 52.841, 334.080



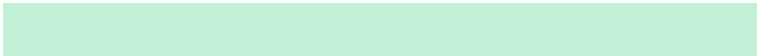
67, 52.841, 24.080

Sweetspot

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



67, 52.842, 154.080



91, 20.723, 159.629



69, 63.521, 124.554



48, 14.245, 159.357



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 52.842, 154.080



84, 75.837, 151.489



68, 34.285, 191.265



38, 4.973, 160.533



56, 64.031, 147.256



8, 14.874, 155.832

Inverse Universe

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



47, 54.643, 348.260



56, 76.286, 351.179



45, 52.599, 24.918



36, 5.025, 341.925



33, 59.324, 357.120



3, 12.552, 348.112

Previews

White Background



This preview shows how the CIELCh color 67, 52.841, 154.080 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 67, 52.841, 154.080 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 67, 52.841, 154.080

Background



This preview shows how black text looks on a background with the CIELCh color 67, 52.841, 154.080.

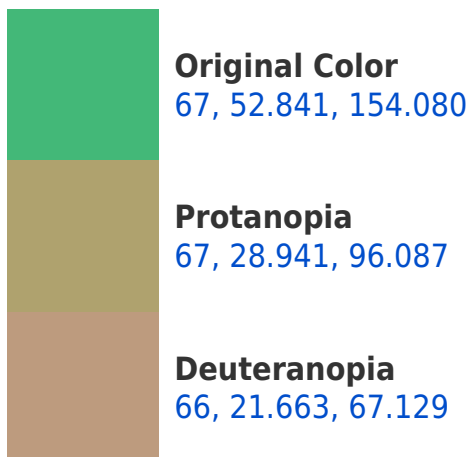


This preview shows how white text looks on a background with the CIELCh color 67, 52.841, 154.080.

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
67, 26.481, 214.638

Trichromacy



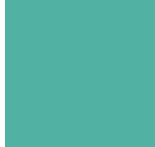
Original Color
67, 52.841, 154.080



Protanomaly
66, 33.971, 130.849



Deuteranomaly
65, 24.080, 128.379



Tritanomaly
67, 31.977, 182.689

Monochromacy



Original Color
67, 52.841, 154.080



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 20.673, 158.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 52.841, 154.080 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(67, 184, 120)` looks like.

```
.text, #text, p{  
    color:rgb(67, 184, 120)  
}
```

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(67, 184, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 184, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 52.841, 154.080 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(67, 184, 120) }
```

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

```
.border{ border-color:rgb(67, 184, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 184, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 184, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 184, 120);  
box-shadow:4px 4px 4px 4px rgb(67, 184,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 52.841, 154.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 184, 120) }
```

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

```
.background{ background-color: rgb(67, 184,  
120) }
```

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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