

Converting Colors

CIELCh(67, 39.740, 167.137)

Have a look what the booklet for
CIELCh(67, 39.740, 167.137)
contains.

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Color

CIELCh(67, 39.801, 167.169)

Conversions

Conversions Part 1

Format	Color
Hex	4CB592
RGB	76, 181, 146
RGB Percent	30%, 71%, 57%
CMY	0.7022, 0.2904, 0.4277
CMYK	0.58, 0.00, 0.19, 0.29
HSL	160°, 41%, 50%
HSV	160°, 58%, 71%
XYZ	24.6719, 36.6320, 32.9424
YIQ	145.6150, -51.3450, -33.1450

Conversions

Conversions Part 2

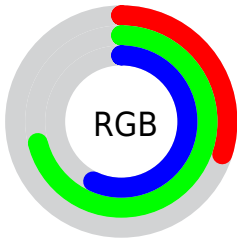
Format	Color
RYB	76, 139, 181
Decimal	5027218
CIELab	67.00, -38.81, 8.84
CIElCh	67, 39.801, 167.169
Yxy	36.6320, 0.2618, 0.3887
Android (android.graphics.Color)	4283217298 (0xFF4CB592)
YUV	145.6150, 0.1898, -61.0524
Hunter-Lab	60.5244, -33.1547, 10.0965

Details

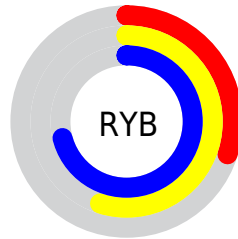
The CIELCh color **67, 39.801, 167.169** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **47, 46.045, 1.861**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 39.420, 167.363**, and **47, 38.859, 167.308** is the 20% darker color. If you saturate the color by 10%, you get **66, 45.011, 165.599**, and if you desaturate by 10%, it is **68, 33.927, 168.572**.

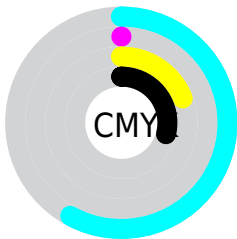
Distribution



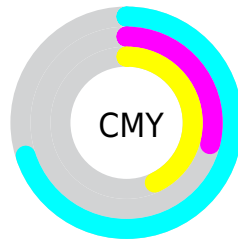
- Red (30%)
- Green (71%)
- Blue (57%)



- Red (30%)
- Yellow (55%)
- Blue (71%)



- Cyan (58%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)





- Cyan (70%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 39.801, 167.169 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, 39.801, 167.169 by changing the saturation by 10% instead.


 67, 39.801,
167.169


 67, 39.801,
167.169


 100, 39.801,
167.169


 57, 39.801,
167.169


 87, 39.801,
167.169

 47, 39.801,
167.169

 97, 39.801,
167.169

 37, 39.801,
167.169

 27, 39.801,
167.169

 17, 39.801,
167.169

 7, 39.801, 167.169

 0, 39.801, 167.169

67, 39.801,
167.169

67, 39.801,
167.169

66, 45.011,
165.599

68, 33.927,
168.572

66, 49.488,
163.842

69, 27.490,
169.836

66, 53.216,
161.884

70, 20.612,
170.983

65, 56.296,
159.757

71, 13.416,
172.038

65, 56.880,
159.348

72, 6.016, 173.040

74, 1.487, 353.572

76, 9.010, 354.653

77, 16.490,
355.465

■ 79, 23.876,
356.222

Harmonies

Complementary

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



67, 39.801, 167.169



47, 46.045, 1.861

Rectangle

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



67, 39.801, 167.169



67, 39.801, 217.169



67, 39.801, 347.169



67, 39.801, 37.169

Sweetspot

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



67, 39.802, 167.168



90, 15.632, 172.114



67, 61.557, 131.868



47, 10.428, 171.914



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 39.802, 167.168



84, 56.480, 165.068



63, 27.040, 218.903



37, 4.194, 172.911



56, 49.991, 159.667



7, 10.940, 166.982

Inverse Universe

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



47, 46.045, 1.861



56, 66.581, 5.437



50, 42.663, 37.708



35, 4.294, 354.500



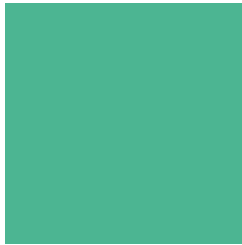
32, 58.815, 17.143



2, 9.819, 358.977

Previews

White Background



This preview shows how the CIE LCh color 67, 39.801, 167.169 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 67, 39.801, 167.169 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, 39.801, 167.169

Background



This preview shows how black text looks on a background with the CIELCh color 67, 39.801, 167.169.

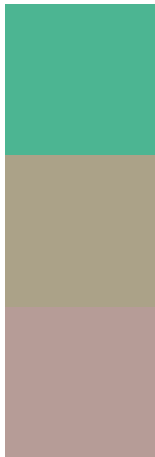


This preview shows how white text looks on a background with the CIELCh color 67, 39.801, 167.169.

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](#).

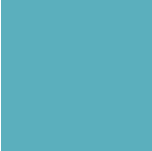
Dichromacy



Original Color
67, 39.801, 167.169

Protanopia
67, 14.753, 94.309

Deuteranopia
66, 10.713, 35.097



Tritanopia
67, 26.269, 214.796

Trichromacy



Original Color
67, 39.801, 167.169



Protanomaly
66, 20.531, 146.650



Deuteranomaly
66, 12.287, 152.306



Tritanomaly
67, 28.726, 192.622

Monochromacy



Original Color
67, 39.801, 167.169



Achromatopsia
61, 0.008, 296.813



Achromatomaly
62, 16.006, 170.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 39.801, 167.169 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(76, 181, 146)` looks like.

```
.text, #text, p{  
    color:rgb(76, 181, 146)  
}
```

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(76, 181, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 181, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 39.801, 167.169 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(76, 181, 146) }
```

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

```
.border{ border-color:rgb(76, 181, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 181, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 181, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 181, 146);  
box-shadow:4px 4px 4px 4px rgb(76, 181,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 39.801, 167.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 181, 146) }
```

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

```
.background{ background-color: rgb(76, 181,  
146) }
```

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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