

Converting Colors

CIELCh(66, 39.679, 171.274)

Have a look what the booklet for
CIELCh(66, 39.679, 171.274)
contains.

CIELCh(66, 40.096, 170.767)	3
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Color

CIElCh(66, 40.096, 170.767)

Conversions

Conversions Part 1

Format	Color
Hex	41B394
RGB	65, 179, 148
RGB Percent	25%, 70%, 58%
CMY	0.7468, 0.2995, 0.4210
CMYK	0.64, 0.00, 0.17, 0.30
HSL	164°, 47%, 48%
HSV	164°, 64%, 70%
XYZ	23.5118, 35.3238, 33.4464
YIQ	141.3800, -57.9930, -33.8090

Conversions

Conversions Part 2

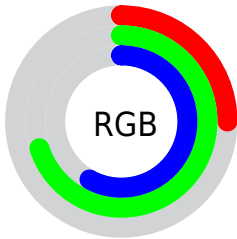
Format	Color
RYB	65, 131, 179
Decimal	4305812
CIELab	66.00, -39.58, 6.43
CIElCh	66, 40.096, 170.767
Yxy	35.3238, 0.2548, 0.3828
Android (android.graphics.Color)	4282495892 (0xFF41B394)
YUV	141.3800, 3.2637, -66.9853
Hunter-Lab	59.4338, -33.3954, 8.2382

Details

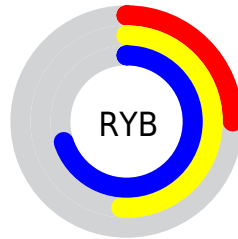
The CIELCh color **66, 40.096, 170.767** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **44, 49.328, 8.062**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 39.824, 170.935**, and **46, 37.454, 169.189** is the 20% darker color. If you saturate the color by 10%, you get **65, 44.351, 169.187**, and if you desaturate by 10%, it is **67, 35.120, 172.184**.

Distribution



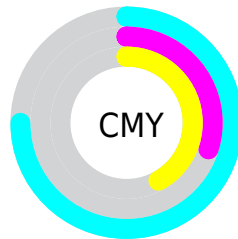
- Red (25%)
- Green (70%)
- Blue (58%)



- Red (25%)
- Yellow (51%)
- Blue (70%)



- Cyan (64%)
- Magenta (0%)
- Yellow (17%)
- Black (30%)





- Cyan (75%)
- Magenta (30%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 40.096, 170.767 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 66, 40.096, 170.767 by changing the saturation by 10% instead.


 66, 40.096,
170.767


 66, 40.096,
170.767


 100, 40.096,
170.767


 56, 40.096,
170.767


 86, 40.096,
170.767

 46, 40.096,
170.767

 96, 40.096,
170.767

 36, 40.096,
170.767

 26, 40.096,
170.767

 16, 40.096,
170.767

 6, 40.096, 170.767

 0, 40.096, 170.767

■ 66, 40.096,
170.767

■ 66, 40.096,
170.767

■ 65, 44.351,
169.187

■ 67, 35.120,
172.184

■ 65, 47.852,
167.426

■ 67, 29.498,
173.466

■ 65, 50.630,
165.476

■ 68, 23.336,
174.635

■ 65, 52.123,
164.244

■ 70, 16.750,
175.714

■ 71, 9.857, 176.726

■ 72, 2.764, 177.772

■ 74, 4.436, 358.386

■ 75, 11.667,
359.281

Harmonies

Complementary

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



66, 40.096, 170.767



44, 49.328, 8.062

Rectangle

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



66, 40.096, 170.767



66, 40.096, 220.767



66, 40.096, 350.767



66, 40.096, 40.767

Sweetspot

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



66, 40.096, 170.766



89, 16.611, 176.179



66, 67.181, 133.008



47, 11.479, 175.889



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 40.096, 170.766



83, 55.955, 168.426



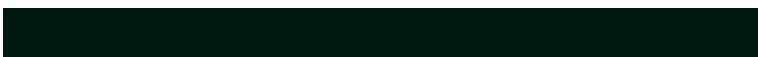
59, 28.048, 227.763



37, 4.044, 177.176



56, 46.306, 164.524



7, 10.456, 171.289

Inverse Universe

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



44, 49.328, 8.062



53, 71.046, 12.984



48, 46.038, 42.021



35, 4.164, 358.769



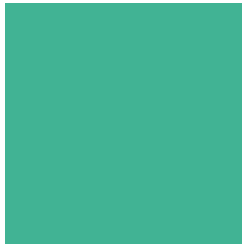
32, 60.424, 22.705



2, 9.608, 2.505

Previews

White Background



This preview shows how the CIELCh color 66, 40.096, 170.767 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 CIELCh color 66, 40.096, 170.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

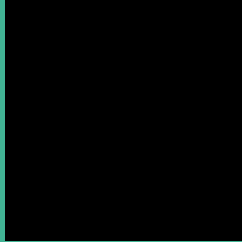
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 40.096, 170.767

Background



This preview shows how black text looks on a background with the CIELCh color 66, 40.096, 170.767.

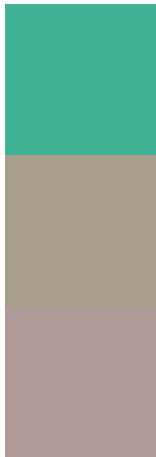


This preview shows how white text looks on a background with the CIELCh color 66, 40.096, 170.767.

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](#).

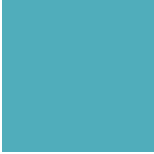
Dichromacy



Original Color
66, 40.096, 170.767

Protanopia
66, 12.562, 93.948

Deuteranopia
66, 9.079, 23.671



Tritanopia
66, 28.066, 213.553

Trichromacy



Original Color
66, 40.096, 170.767



Protanomaly
65, 19.632, 152.893



Deuteranomaly
65, 12.246, 165.327

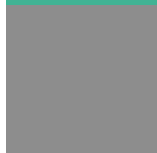


Tritanomaly
66, 30.518, 194.826

Monochromacy



Original Color
66, 40.096, 170.767



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 17.023, 174.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 40.096, 170.767 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(65, 179, 148)` looks like.

```
.text, #text, p{  
    color:rgb(65, 179, 148)  
}
```

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(65, 179, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 179, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 40.096, 170.767 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(65, 179, 148) }
```

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

```
.border{ border-color:rgb(65, 179, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 179, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 179, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 179, 148);  
box-shadow:4px 4px 4px 4px rgb(65, 179,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 40.096, 170.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 179, 148) }
```

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

```
.background{ background-color: rgb(65, 179,  
148) }
```

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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