

Converting Colors

CIELCh(66, 40.897, 167.873)

Have a look what the booklet for
CIELCh(66, 40.897, 167.873)
contains.

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Color

CIELCh(66, 40.909, 167.825)

Conversions

Conversions Part 1

Format	Color
Hex	44B390
RGB	68, 179, 144
RGB Percent	27%, 70%, 56%
CMY	0.7348, 0.2994, 0.4365
CMYK	0.62, 0.00, 0.20, 0.30
HSL	161°, 45%, 48%
HSV	161°, 62%, 70%
XYZ	23.4192, 35.3238, 31.8412
YIQ	141.8210, -54.9210, -34.4170

Conversions

Conversions Part 2

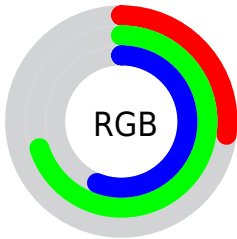
Format	Color
RYB	68, 134, 179
Decimal	4502416
CIELab	66.00, -39.99, 8.63
CIELCh	66, 40.909, 167.825
Yxy	35.3238, 0.2585, 0.3900
Android (android.graphics.Color)	4282692496 (0xFF44B390)
YUV	141.8210, 1.0742, -64.7410
Hunter-Lab	59.4338, -33.6734, 9.8395

Details

The CIELCh color **66, 40.909, 167.825** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **45, 48.342, 4.243**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 40.593, 168.123**, and **46, 38.586, 166.994** is the 20% darker color. If you saturate the color by 10%, you get **65, 45.632, 166.204**, and if you desaturate by 10%, it is **67, 35.491, 169.274**.

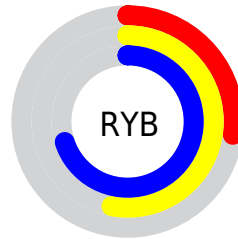
Distribution



Red (27%)

Green (70%)

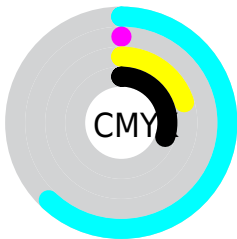
Blue (56%)



Red (27%)

Yellow (53%)

Blue (70%)

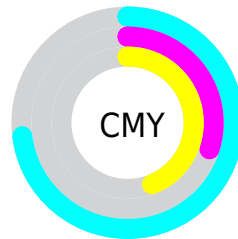


Cyan (62%)

Magenta (0%)

Yellow (20%)

Black (30%)



Cyan (73%)


Magenta (30%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 40.909, 167.825 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, 40.909, 167.825 by changing the saturation by 10% instead.


 66, 40.909,
167.825


 66, 40.909,
167.825


 100, 40.909,
167.825


 56, 40.909,
167.825


 86, 40.909,
167.825

 46, 40.909,
167.825

 96, 40.909,
167.825

 36, 40.909,
167.825

 26, 40.909,
167.825

 16, 40.909,
167.825

 6, 40.909, 167.825

 0, 40.909, 167.825

66, 40.909,
167.825

66, 40.909,
167.825

65, 45.632,
166.204

67, 35.491,
169.274

65, 49.612,
164.394

68, 29.465,
170.578

65, 52.865,
162.385

69, 22.942,
171.761

65, 55.065,
160.740

70, 16.044,
172.846

71, 8.889, 173.860

72, 1.580, 175.008

74, 5.793, 355.523

76, 13.158,
356.380

■ 78, 20.459,
357.164

Harmonies

Complementary

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



66, 40.909, 167.825



45, 48.342, 4.243

Rectangle

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



66, 40.909, 167.825



66, 40.909, 217.825



66, 40.909, 347.825



66, 40.909, 37.825

Sweetspot

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



66, 40.909, 167.824



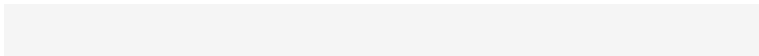
89, 17.076, 173.138



66, 65.029, 132.177



47, 11.808, 172.845



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, 40.909, 167.824



83, 57.599, 165.482



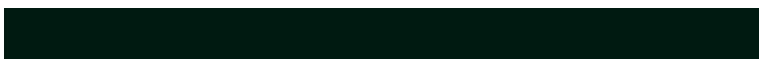
61, 27.771, 222.072



37, 4.147, 174.142



56, 48.882, 161.032



7, 10.794, 168.187

Inverse Universe

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



45, 48.342, 4.243



53, 69.438, 8.627



48, 45.410, 39.360



35, 4.253, 355.736



32, 59.225, 18.827



2, 9.753, 0.006

Previews

White Background



This preview shows how the CIELCh color 66, 40.909, 167.825 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, 40.909, 167.825 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, 40.909, 167.825

Background



This preview shows how black text looks on a background with the CIELCh color 66, 40.909, 167.825.

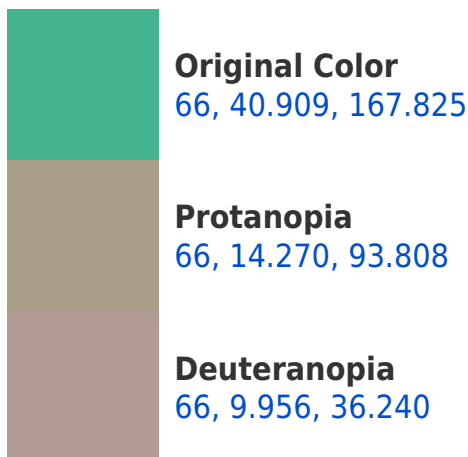


This preview shows how white text looks on a background with the CIELCh color 66, 40.909, 167.825.

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
66, 27.278, 214.090

Trichromacy



Original Color
66, 40.909, 167.825



Protanomaly
65, 20.646, 149.072



Deuteranomaly
65, 13.120, 155.686

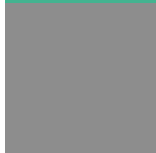


Tritanomaly
66, 29.998, 192.678

Monochromacy



Original Color
66, 40.909, 167.825



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 16.995, 172.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 40.909, 167.825 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(68, 179, 144)` looks like.

```
.text, #text, p{  
    color:rgb(68, 179, 144)  
}
```

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(68, 179, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 179, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 40.909, 167.825 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(68, 179, 144) }
```

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

```
.border{ border-color:rgb(68, 179, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 179, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 179, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 179, 144);  
box-shadow:4px 4px 4px 4px rgb(68, 179,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 40.909, 167.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 179, 144) }
```

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

```
.background{ background-color: rgb(68, 179,  
144) }
```

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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