

Converting Colors

CIELCh(66, 32.502, 206.777)

Have a look what the booklet for
CIELCh(66, 32.502, 206.777)
contains.

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Color

CIELCh(66, 32.536, 206.836)

Conversions

Conversions Part 1

Format	Color
Hex	39B0BA
RGB	57, 176, 186
RGB Percent	22%, 69%, 73%
CMY	0.7781, 0.3110, 0.2718
CMYK	0.70, 0.05, 0.00, 0.27
HSL	185°, 53%, 48%
HSV	185°, 70%, 73%
XYZ	25.9619, 35.3238, 51.7376
YIQ	141.5590, -74.1340, -22.1180

Conversions

Conversions Part 2

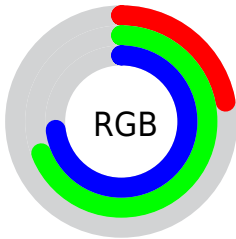
Format	Color
RYB	57, 119, 186
Decimal	3780794
CIELab	66.00, -29.03, -14.69
CIELCh	66, 32.536, 206.836
Yxy	35.3238, 0.2297, 0.3125
Android (android.graphics.Color)	4281970874 (0xFF39B0BA)
YUV	141.5590, 21.9094, -74.1582
Hunter-Lab	59.4338, -26.0368, -10.0087

Details

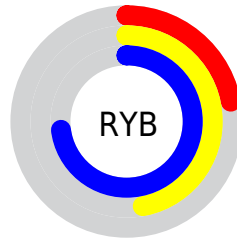
The CIELCh color **66, 32.536, 206.836** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **45, 57.102, 33.826**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 32.625, 206.704**, and **47, 28.189, 208.950** is the 20% darker color. If you saturate the color by 10%, you get **65, 34.384, 207.556**, and if you desaturate by 10%, it is **67, 29.857, 206.333**.

Distribution



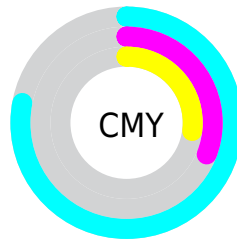
- Red (22%)
- Green (69%)
- Blue (73%)



- Red (22%)
- Yellow (47%)
- Blue (73%)



- Cyan (70%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)





- Cyan (78%)
- Magenta (31%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 32.536, 206.836 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, 32.536, 206.836 by changing the saturation by 10% instead.


 66, 32.536,
206.836


 66, 32.536,
206.836


 100, 32.536,
206.836


 56, 32.536,
206.836


 86, 32.536,
206.836

 46, 32.536,
206.836

 96, 32.536,
206.836

 36, 32.536,
206.836

 26, 32.536,
206.836

 16, 32.536,
206.836

 6, 32.536, 206.836

 0, 32.536, 206.836

■ 66, 32.536,
206.836

■ 66, 32.536,
206.836

■ 65, 34.384,
207.556

■ 67, 29.857,
206.333

■ 65, 35.431,
208.521

■ 68, 26.373,
206.022

■ 64, 35.848,
209.710

■ 69, 22.146,
205.875

■ 64, 35.865,
209.768

■ 71, 17.265,
205.868

■ 72, 11.828,
205.982

■ 74, 5.940, 206.216

■ 75, 0.305, 24.664

■ 77, 6.819, 26.633

Harmonies

Complementary

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



66, 32.536, 206.836



45, 57.102, 33.826

Rectangle

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



66, 32.536, 206.836



66, 32.536, 256.836



66, 32.536, 26.836



66, 32.536, 76.836

Sweetspot

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



66, 32.535, 206.835



91, 15.697, 205.952



67, 76.629, 139.729



48, 10.609, 205.915



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



66, 32.535, 206.835



83, 42.712, 207.993



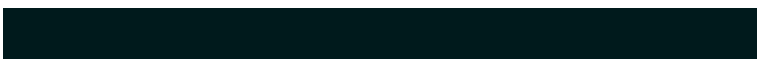
47, 44.395, 277.865



38, 3.503, 206.222



54, 31.495, 209.569



7, 9.373, 209.024

Inverse Universe

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



48, 74.219, 330.358



58, 100.440, 330.987



59, 49.079, 72.800



36, 6.554, 327.101



36, 75.240, 331.528



3, 17.395, 327.882

Previews

White Background



This preview shows how the CIELCh color 66, 32.536, 206.836 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, 32.536, 206.836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

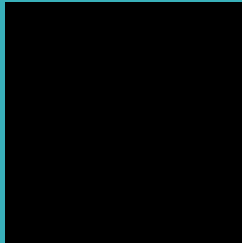
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

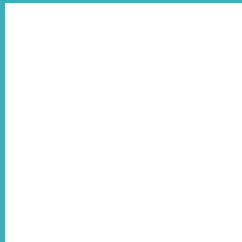
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 32.536, 206.836

Background



This preview shows how black text looks on a background with the CIELCh color 66, 32.536, 206.836.

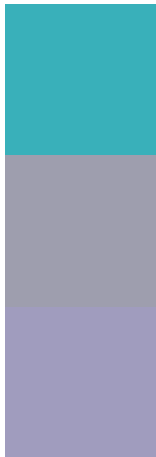


This preview shows how white text looks on a background with the CIELCh color 66, 32.536, 206.836.

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](#).

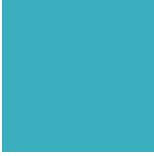
Dichromacy



Original Color
66, 32.536, 206.836

Protanopia
66, 8.887, 291.115

Deuteranopia
66, 18.975, 296.377



Tritanopia
66, 31.986, 211.228

Trichromacy



Original Color
66, 32.536, 206.836



Protanomaly
65, 16.233, 227.201



Deuteranomaly
65, 18.949, 246.153



Tritanomaly
66, 32.131, 210.106

Monochromacy



Original Color
66, 32.536, 206.836



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 15.459, 204.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 32.536, 206.836 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(57, 176, 186)` looks like.

```
.text, #text, p{  
    color:rgb(57, 176, 186)  
}
```

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(57, 176, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 176, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 32.536, 206.836 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(57, 176, 186) }
```

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

```
.border{ border-color:rgb(57, 176, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 176, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 176, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 176, 186);  
box-shadow:4px 4px 4px 4px rgb(57, 176,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 32.536, 206.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 176, 186) }
```

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

```
.background{ background-color: rgb(57, 176,  
186) }
```

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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