

Converting Colors

CIELCh(66, 31.796, 211.335)

Have a look what the booklet for
CIELCh(66, 31.796, 211.335)
contains.

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Color

CIELCh(66, 31.843, 211.303)

Conversions

Conversions Part 1

Format	Color
Hex	3CAFBD
RGB	60, 175, 189
RGB Percent	24%, 69%, 74%
CMY	0.7644, 0.3135, 0.2586
CMYK	0.68, 0.07, 0.00, 0.26
HSL	187°, 52%, 49%
HSV	187°, 68%, 74%
XYZ	26.4023, 35.3238, 53.6059
YIQ	142.2110, -73.0340, -20.0260

Conversions

Conversions Part 2

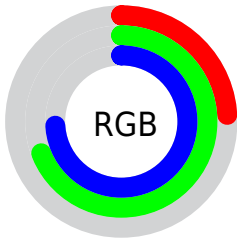
Format	Color
RYB	60, 121, 189
Decimal	3977149
CIELab	66.00, -27.21, -16.54
CIELCh	66, 31.843, 211.303
Yxy	35.3238, 0.2289, 0.3063
Android (android.graphics.Color)	4282167229 (0xFF3CAFBD)
YUV	142.2110, 23.0670, -72.0990
Hunter-Lab	59.4338, -24.7140, -11.8725




Details

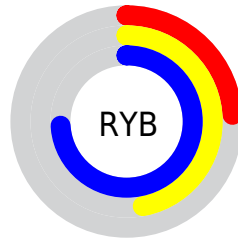
The CIELCh color **66, 31.843, 211.303** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **47, 55.659, 35.292**, and the grayscale version is **59, 0.008, 296.813**.




A 20% lighter version of the original color is **86, 31.777, 210.962**, and **47, 27.966, 214.273** is the 20% darker color. If you saturate the color by 10%, you get **65, 33.772, 212.409**, and if you desaturate by 10%, it is **67, 29.091, 210.487**.

Distribution







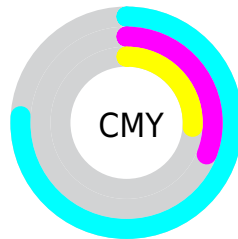
-  Red (24%)
-  Green (69%)
-  Blue (74%)






-  Red (24%)
-  Yellow (47%)
-  Blue (74%)



-  Cyan (68%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (26%)





-  Cyan (76%)
-  Magenta (31%)
-  Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 31.843, 211.303 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, 31.843, 211.303 by changing the saturation by 10% instead.


 66, 31.843,
211.303


 66, 31.843,
211.303


 100, 31.843,
211.303


 56, 31.843,
211.303


 86, 31.843,
211.303

 46, 31.843,
211.303

 96, 31.843,
211.303

 36, 31.843,
211.303

 26, 31.843,
211.303

 16, 31.843,
211.303

 6, 31.843, 211.303

 0, 31.843, 211.303

■ 66, 31.843,
211.303

■ 66, 31.843,
211.303

■ 65, 33.772,
212.409

■ 67, 29.091,
210.487

■ 64, 34.902,
213.851

■ 68, 25.547,
209.921

■ 63, 35.362,
215.631

■ 70, 21.280,
209.564

■ 63, 35.423,
215.960

■ 71, 16.380,
209.382

■ 73, 10.946,
209.346

■ 75, 5.080, 209.461

■ 77, 1.127, 29.028

■ 79, 7.592, 29.643

Harmonies

Complementary

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



66, 31.843, 211.303



47, 55.659, 35.292

Rectangle

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



66, 31.843, 211.303



66, 31.843, 261.303



66, 31.843, 31.303



66, 31.843, 81.303

Sweetspot

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



66, 31.842, 211.302



92, 14.725, 209.342



68, 75.070, 140.727



48, 9.948, 209.346



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, 31.842, 211.302



82, 41.818, 213.099



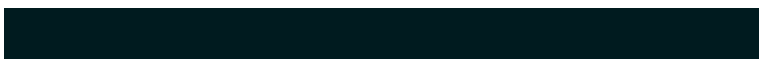
47, 46.551, 280.374



39, 3.488, 209.437



53, 31.062, 215.664



8, 10.136, 212.440

Inverse Universe

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



48, 72.785, 331.450



59, 98.590, 332.235



61, 49.333, 76.024



37, 6.561, 328.045



36, 74.326, 333.022



3, 19.306, 329.651

Previews

White Background



This preview shows how the CIELCh color 66, 31.843, 211.303 looks on a white background.

Color Contrast Check

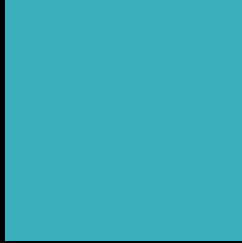
Large Text (above 18pt) WCAG AA × Fail

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 66, 31.843, 211.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

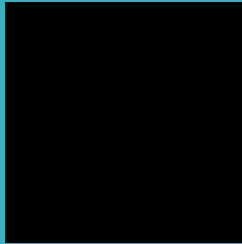
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 31.843, 211.303

Background



This preview shows how black text looks on a background with the CIELCh color 66, 31.843, 211.303.



This preview shows how white text looks on a background with the CIELCh color 66, 31.843, 211.303.

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

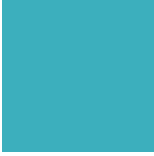
66, 31.843, 211.303

Protanopia

66, 11.106, 289.478

Deuteranopia

66, 20.588, 294.236



Tritanopia
66, 31.843, 211.303

Trichromacy



Original Color
66, 31.843, 211.303



Protanomaly
65, 16.937, 234.908



Deuteranomaly
65, 20.452, 251.115



Tritanomaly
66, 31.843, 211.303

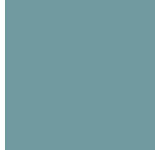
Monochromacy



Original Color
66, 31.843, 211.303



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 14.872, 209.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 31.843, 211.303 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(60, 175, 189)` looks like.

```
.text, #text, p{  
    color:rgb(60, 175, 189)  
}
```

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(60, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 175, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 31.843, 211.303 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(60, 175, 189) }
```

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

```
.border{ border-color:rgb(60, 175, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(60, 175,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 31.843, 211.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 175, 189) }
```

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

```
.background{ background-color: rgb(60, 175,  
189) }
```

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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