

Converting Colors

CIELCh(66, 27.585, 206.092)

Have a look what the booklet for
CIELCh(66, 27.585, 206.092)
contains.

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Color

CIELCh(66, 27.668, 205.380)

Conversions

Conversions Part 1

Format	Color
Hex	53AEB5
RGB	83, 174, 181
RGB Percent	33%, 68%, 71%
CMY	0.6756, 0.3187, 0.2912
CMYK	0.54, 0.04, 0.00, 0.29
HSL	184°, 40%, 52%
HSV	184°, 54%, 71%
XYZ	26.9426, 35.3238, 48.9748
YIQ	147.5890, -56.4830, -17.1150

Conversions

Conversions Part 2

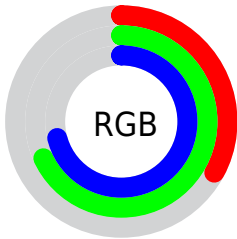
Format	Color
RYB	83, 130, 181
Decimal	5484213
CIELab	66.00, -25.00, -11.86
CIELCh	66, 27.668, 205.380
Yxy	35.3238, 0.2422, 0.3175
Android (android.graphics.Color)	4283674293 (0xFF53AEB5)
YUV	147.5890, 16.4716, -56.6446
Hunter-Lab	59.4338, -23.0916, -7.2526

Details

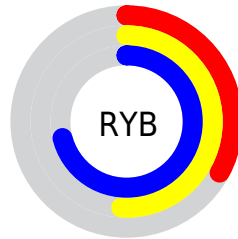
The CIELCh color **66, 27.668, 205.380** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **49, 41.955, 30.383**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 27.826, 205.275**, and **46, 27.632, 205.388** is the 20% darker color. If you saturate the color by 10%, you get **65, 30.738, 205.715**, and if you desaturate by 10%, it is **67, 23.837, 205.207**.

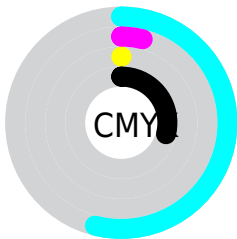
Distribution



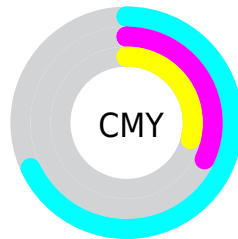
- Red (33%)
- Green (68%)
- Blue (71%)



- Red (33%)
- Yellow (51%)
- Blue (71%)



- Cyan (54%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)





- Cyan (68%)
- Magenta (32%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 27.668, 205.380 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, 27.668, 205.380 by changing the saturation by 10% instead.


 66, 27.668,
205.380


 66, 27.668,
205.380


 100, 27.668,
205.380


 56, 27.668,
205.380


 86, 27.668,
205.380

 46, 27.668,
205.380

 96, 27.668,
205.380

 36, 27.668,
205.380

 26, 27.668,
205.380

 16, 27.668,
205.380

 6, 27.668, 205.380

 0, 27.668, 205.380

66, 27.668,
205.380

66, 27.668,
205.380

65, 30.738,
205.715

67, 23.837,
205.207

64, 33.002,
206.243

68, 19.322,
205.177

64, 34.458,
206.986

70, 14.216,
205.270

63, 35.162,
207.961

71, 8.619, 205.472

63, 35.368,
208.592

73, 2.629, 205.864

75, 3.663, 25.843

76, 10.178, 26.297

78, 16.849, 26.714

81, 23.621, 27.144

Harmonies

Complementary

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



66, 27.668, 205.380



49, 41.955, 30.383

Rectangle

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



66, 27.668, 205.380



66, 27.668, 255.380



66, 27.668, 25.380



66, 27.668, 75.380

Sweetspot

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



66, 27.668, 205.378



90, 11.908, 205.421



66, 60.980, 141.650



47, 7.983, 205.376



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, 27.668, 205.378



82, 37.955, 205.799



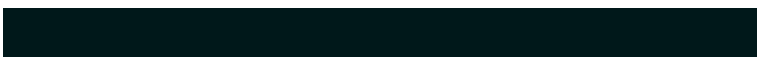
52, 33.840, 272.864



37, 3.441, 205.619



54, 31.306, 208.419



6, 8.260, 209.075

Inverse Universe

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



51, 60.252, 329.413



61, 85.644, 329.982



60, 36.969, 75.095



35, 6.430, 326.920



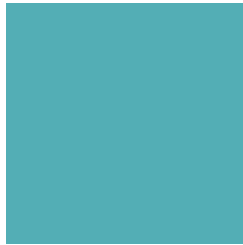
35, 74.688, 331.246



3, 15.105, 327.483

Previews

White Background



This preview shows how the CIE LCh color 66, 27.668, 205.380 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, 27.668, 205.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

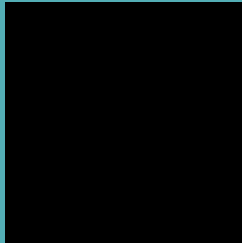
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

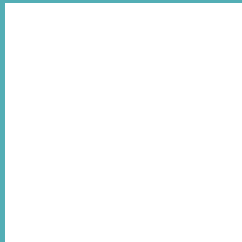
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 27.668, 205.380

Background



This preview shows how black text looks on a background with the CIELCh color 66, 27.668, 205.380.

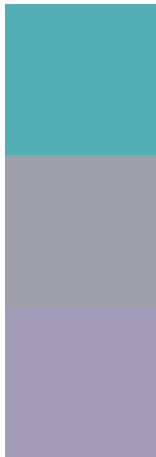


This preview shows how white text looks on a background with the CIELCh color 66, 27.668, 205.380.

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, 27.668, 205.380

Protanopia

66, 7.237, 293.868

Deuteranopia

66, 16.351, 300.651



Tritanopia
66, 27.075, 214.233

Trichromacy



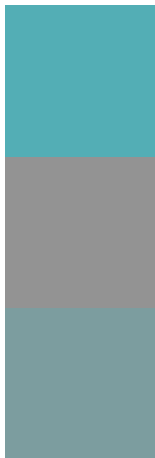
Original Color
66, 27.668, 205.380

Protanomaly
65, 12.847, 227.114

Deuteranomaly
65, 14.836, 251.050

Tritanomaly
66, 27.207, 211.653

Monochromacy



Original Color
66, 27.668, 205.380

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 11.889, 203.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 27.668, 205.380 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(83, 174, 181)` looks like.

```
.text, #text, p{  
    color:rgb(83, 174, 181)  
}
```

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(83, 174, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 174, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 27.668, 205.380 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(83, 174, 181) }
```

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

```
.border{ border-color:rgb(83, 174, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 174, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 174, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 174, 181);  
box-shadow:4px 4px 4px 4px rgb(83, 174,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 27.668, 205.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 174, 181) }
```

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

```
.background{ background-color: rgb(83, 174,  
181) }
```

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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