

Converting Colors

CIELCh(66, 33.565, 173.216)

Have a look what the booklet for
CIELCh(66, 33.565, 173.216)
contains.

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Color

CIELCh(66, 33.565, 173.216)

Conversions

Conversions Part 1

Format	Color
Hex	54B098
RGB	84, 176, 152
RGB Percent	33%, 69%, 60%
CMY	0.6695, 0.3088, 0.4029
CMYK	0.52, 0.00, 0.14, 0.31
HSL	164°, 37%, 51%
HSV	164°, 52%, 69%
XYZ	24.9436, 35.3238, 35.3156
YIQ	145.7560, -47.1280, -26.9680

Conversions

Conversions Part 2

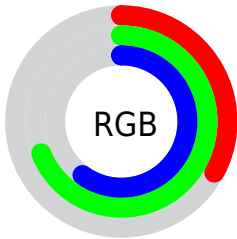
Format	Color
RYB	84, 137, 176
Decimal	5550232
CIELab	66.00, -33.33, 3.96
CIELCh	66, 33.565, 173.216
Yxy	35.3238, 0.2610, 0.3696
Android (android.graphics.Color)	4283740312 (0xFF54B098)
YUV	145.7560, 3.0783, -54.1600
Hunter-Lab	59.4338, -29.0950, 6.3735

Details

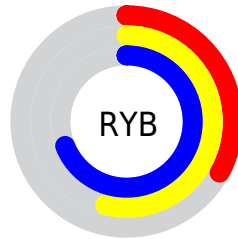
The CIELCh color **66, 33.565, 173.216** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **48, 40.183, 5.926**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 33.575, 173.091**, and **46, 33.690, 172.944** is the 20% darker color. If you saturate the color by 10%, you get **65, 38.528, 171.840**, and if you desaturate by 10%, it is **67, 27.976, 174.461**.

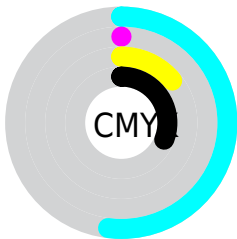
Distribution



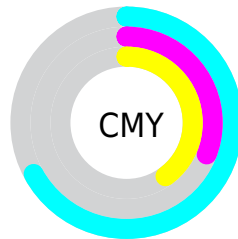
- Red (33%)
- Green (69%)
- Blue (60%)



- Red (33%)
- Yellow (54%)
- Blue (69%)



- Cyan (52%)
- Magenta (0%)
- Yellow (14%)
- Black (31%)





- Cyan (67%)
- Magenta (31%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 33.565, 173.216 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, 33.565, 173.216 by changing the saturation by 10% instead.


 66, 33.565,
173.216


 66, 33.565,
173.216


 100, 33.565,
173.216


 56, 33.565,
173.216


 86, 33.565,
173.216

 46, 33.565,
173.216

 96, 33.565,
173.216

 36, 33.565,
173.216

 26, 33.565,
173.216

 16, 33.565,
173.216

 6, 33.565, 173.216

 0, 33.565, 173.216

66, 33.565,
173.216

66, 33.565,
173.216

65, 38.528,
171.840

67, 27.976,
174.461

65, 42.782,
170.313

68, 21.866,
175.601

64, 46.291,
168.612

69, 15.350,
176.658

64, 49.073,
166.724

70, 8.541, 177.658

72, 1.544, 178.812

64, 50.901,
165.181

73, 5.552, 359.309

75, 12.674, 0.180

77, 19.765, 0.981

79, 26.782, 1.743

Harmonies

Complementary

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



66, 33.565, 173.216



48, 40.183, 5.926

Rectangle

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



66, 33.565, 173.216



66, 33.565, 223.216



66, 33.565, 353.216



66, 33.565, 43.216

Sweetspot

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



66, 33.566, 173.215



88, 13.830, 177.253



66, 55.817, 134.040



46, 9.304, 177.054



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 33.566, 173.215



83, 47.990, 171.562



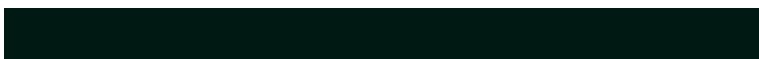
60, 24.158, 228.178



37, 4.020, 177.941



56, 45.691, 165.434



7, 10.375, 172.102

Inverse Universe

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



48, 40.183, 5.926



57, 59.636, 8.941



52, 35.335, 42.848



35, 4.144, 359.530



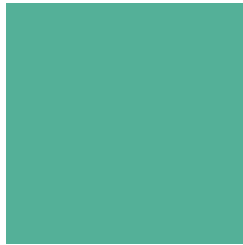
32, 60.762, 23.621



2, 9.576, 3.127

Previews

White Background



This preview shows how the CIELCh color 66, 33.565, 173.216 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, 33.565, 173.216 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, 33.565, 173.216

Background



This preview shows how black text looks on a background with the CIELCh color 66, 33.565, 173.216.

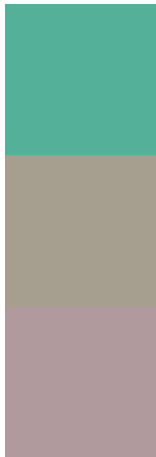


This preview shows how white text looks on a background with the CIELCh color 66, 33.565, 173.216.

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](#).

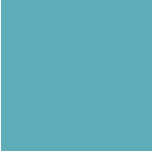
Dichromacy



Original Color
66, 33.565, 173.216

Protanopia
66, 9.258, 91.678

Deuteranopia
66, 8.740, 9.285



Tritanopia
66, 24.635, 214.751

Trichromacy



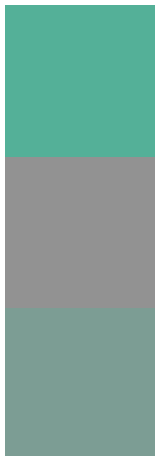
Original Color
66, 33.565, 173.216

Protanomaly
65, 15.365, 154.849

Deuteranomaly
65, 8.199, 170.392

Tritanomaly
66, 26.452, 196.036

Monochromacy



Original Color
66, 33.565, 173.216

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 13.353, 175.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 33.565, 173.216 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(84, 176, 152)` looks like.

```
.text, #text, p{  
    color:rgb(84, 176, 152)  
}
```

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(84, 176, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 176, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 33.565, 173.216 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(84, 176, 152) }
```

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

```
.border{ border-color:rgb(84, 176, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 176, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 176, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 176, 152);  
box-shadow:4px 4px 4px 4px rgb(84, 176,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 33.565, 173.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 176, 152) }
```

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

```
.background{ background-color: rgb(84, 176,  
152) }
```

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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