

Converting Colors

CIELCh(66, 27.889, 197.134)

Have a look what the booklet for
CIELCh(66, 27.889, 197.134)
contains.

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Color

CIELCh(66, 27.733, 197.154)

Conversions

Conversions Part 1

Format	Color
Hex	55AEAE
RGB	85, 174, 174
RGB Percent	33%, 68%, 68%
CMY	0.6661, 0.3171, 0.3171
CMYK	0.51, 0.00, 0.00, 0.32
HSL	180°, 35%, 51%
HSV	180°, 51%, 68%
XYZ	26.5747, 35.3238, 45.5310
YIQ	147.3890, -53.0440, -18.8680

Conversions

Conversions Part 2

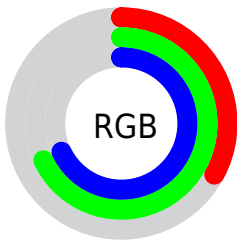
Format	Color
RYB	85, 130, 174
Decimal	5615278
CIELab	66.00, -26.50, -8.18
CIELCh	66, 27.733, 197.154
Yxy	35.3238, 0.2474, 0.3288
Android (android.graphics.Color)	4283805358 (0xFF55AEAE)
YUV	147.3890, 13.1192, -54.7152
Hunter-Lab	59.4338, -24.1964, -3.8171

Details

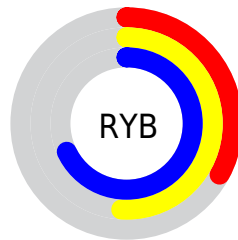
The CIELCh color **66, 27.733, 197.154** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **47, 40.104, 25.225**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 27.747, 196.471**, and **46, 27.621, 197.770** is the 20% darker color. If you saturate the color by 10%, you get **65, 31.253, 196.876**, and if you desaturate by 10%, it is **67, 23.469, 197.492**.

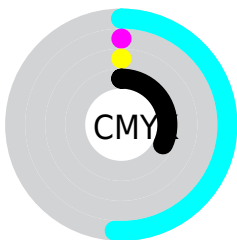
Distribution



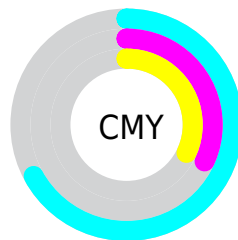
- Red (33%)
- Green (68%)
- Blue (68%)



- Red (33%)
- Yellow (51%)
- Blue (68%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)
- Black (32%)





- Cyan (67%)
- Magenta (32%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 27.733, 197.154 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, 27.733, 197.154 by changing the saturation by 10% instead.


 66, 27.733,
197.154


 66, 27.733,
197.154


 100, 27.733,
197.154


 56, 27.733,
197.154


 86, 27.733,
197.154

 46, 27.733,
197.154

 96, 27.733,
197.154

 36, 27.733,
197.154

 26, 27.733,
197.154

 16, 27.733,
197.154

 6, 27.733, 197.154

 0, 27.733, 197.154

66, 27.733,
197.154

66, 27.733,
197.154

65, 31.253,
196.876

67, 23.469,
197.492

65, 33.980,
196.664

68, 18.537,
197.893

65, 35.906,
196.516

69, 13.033,
198.353

65, 37.073,
196.426

70, 7.060, 198.880

64, 37.651,
196.382

71, 0.718, 200.036

72, 5.900, 19.822

74, 12.712, 20.455

76, 19.649, 21.073

77, 26.654, 21.694

Harmonies

Complementary

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



66, 27.733, 197.154



47, 40.104, 25.225

Rectangle

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



66, 27.733, 197.154



66, 27.733, 247.154



66, 27.733, 17.154



66, 27.733, 67.154

Sweetspot

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



66, 27.733, 197.152



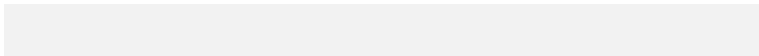
88, 11.696, 198.650



64, 58.300, 139.981



47, 7.995, 198.542



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, 27.733, 197.152



83, 38.458, 196.852



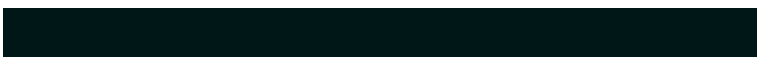
53, 27.771, 263.142



36, 3.603, 198.987



56, 33.808, 196.382



6, 7.801, 199.418

Inverse Universe

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



47, 40.104, 25.225



56, 60.907, 27.842



57, 32.692, 67.439



34, 3.818, 19.907



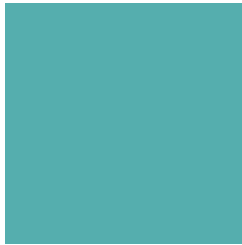
31, 69.981, 39.445



2, 7.802, 19.403

Previews

White Background



This preview shows how the CIELCh color 66, 27.733, 197.154 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, 27.733, 197.154 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

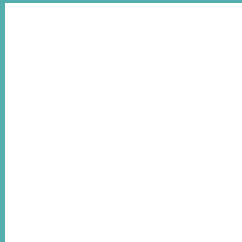
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 27.733, 197.154

Background



This preview shows how black text looks on a background with the CIELCh color 66, 27.733, 197.154.



This preview shows how white text looks on a background with the CIELCh color 66, 27.733, 197.154.

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, 26.019, 215.024

Trichromacy



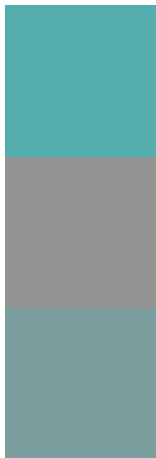
Original Color
66, 27.733, 197.154

Protanomaly
66, 11.504, 206.843

Deuteranomaly
65, 11.899, 243.540

Tritanomaly
66, 26.323, 208.404

Monochromacy



Original Color
66, 27.733, 197.154

Achromatopsia
61, 0.008, 296.813

Achromatomaly
63, 11.929, 198.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 27.733, 197.154 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(85, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(85, 174, 174)  
}
```

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(85, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 174, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 27.733, 197.154 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(85, 174, 174) }
```

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

```
.border{ border-color:rgb(85, 174, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 174, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(85, 174,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 27.733, 197.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 174, 174) }
```

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

```
.background{ background-color: rgb(85, 174,  
174) }
```

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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