

Converting Colors

CIELCh(66, 6.049, 289.987)

Have a look what the booklet for
CIELCh(66, 6.049, 289.987) contains.

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Color

CIELCh(66, 5.552, 286.940)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9FA0AA |
| RGB | 159, 160, 170 |
| RGB Percent | 62%, 63%, 67% |
| CMY | 0.3772, 0.3733, 0.3341 |
| CMYK | 0.06, 0.06, 0.00, 0.33 |
| HSL | 235°, 6%, 64% |
| HSV | 235°, 6%, 67% |
| XYZ | 34.0373, 35.3238, 42.9611 |
| YIQ | 160.8410, -3.8060, 2.8980 |

Conversions

Conversions Part 2

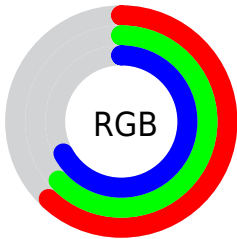
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 159, 160, 170 |
| Decimal | 10461354 |
| CIELab | 66.00, 1.62, -5.31 |
| CIELCh | 66, 5.552, 286.940 |
| Yxy | 35.3238, 0.3030, 0.3145 |
| Android (android.graphics.Color) | 4288651434 (0xFF9FA0AA) |
| YUV | 160.8410, 4.5154, -1.6146 |
| Hunter-Lab | 59.4338, -1.7836, -1.2534 |

Details

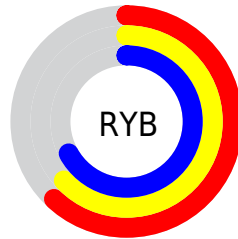
The CIELCh color **66, 5.552, 286.940** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 5.475, 105.558**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 5.257, 286.781**, and **46, 5.355, 286.701** is the 20% darker color. If you saturate the color by 10%, you get **61, 14.362, 288.121**, and if you desaturate by 10%, it is **71, 2.955, 105.855**.

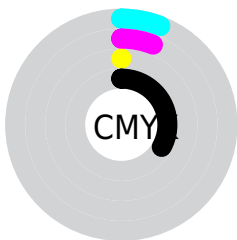
Distribution



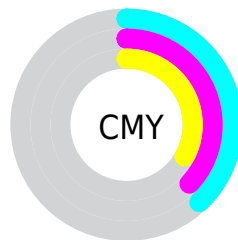
- Red (62%)
- Green (63%)
- Blue (67%)



- Red (62%)
- Yellow (63%)
- Blue (67%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 5.552, 286.940 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, 5.552, 286.940 by changing the saturation by 10% instead.

66, 5.552, 286.940

66, 5.552, 286.940

100, 5.552,
286.940

56, 5.552, 286.940

86, 5.552, 286.940

46, 5.552, 286.940

96, 5.552, 286.940

36, 5.552, 286.940

26, 5.552, 286.940

16, 5.552, 286.940

6, 5.552, 286.940

0, 5.552, 286.940

66, 5.552, 286.940

66, 5.552, 286.940

61, 14.362,

71, 2.955, 105.855

288.121

77, 11.176,
104.996

55, 23.504,
289.526

82, 19.132,
104.239

49, 33.006,
291.171

88, 26.840,
103.582

44, 42.889,
293.080

93, 34.315,
103.009

39, 53.147,
295.258

98, 41.448,
105.594

34, 63.690,
297.661

98, 42.624,
106.922

29, 74.220,
300.171

25, 84.058,
302.562

22, 92.064,
304.523

Harmonies

Complementary

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



66, 5.552, 286.940



69, 5.475, 105.558

Rectangle

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



66, 5.552, 286.940



66, 5.552, 336.940



66, 5.552, 106.940



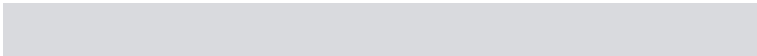
66, 5.552, 156.940

Sweetspot

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



66, 5.551, 286.929



87, 2.121, 286.489



69, 4.146, 190.773



47, 1.216, 286.481



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 5.551, 286.929



83, 8.544, 287.114



66, 6.342, 305.806



33, 4.836, 287.242



18, 84.605, 304.830



1, 8.817, 286.826

Inverse Universe

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



66, 4.278, 12.270



84, 6.603, 12.434



69, 6.264, 125.203



33, 3.745, 12.544



30, 65.794, 35.487



1, 6.625, 12.906

Previews

White Background



This preview shows how the CIELCh color 66, 5.552, 286.940 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, 5.552, 286.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

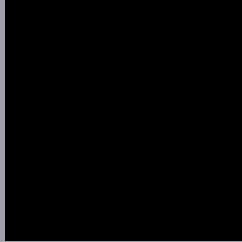
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

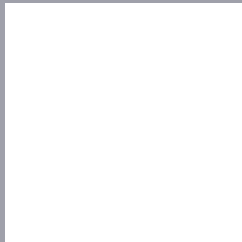
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 5.552, 286.940

Background



This preview shows how black text looks on a background with the CIELCh color 66, 5.552, 286.940.

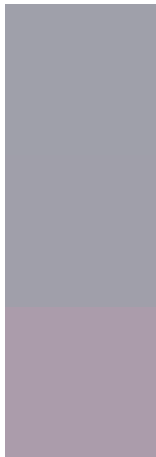


This preview shows how white text looks on a background with the CIELCh color 66, 5.552, 286.940.

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, 5.552, 286.940

Protanopia

66, 6.122, 294.299

Deuteranopia

66, 10.093, 324.892



Tritanopia
66, 7.214, 290.939

Trichromacy



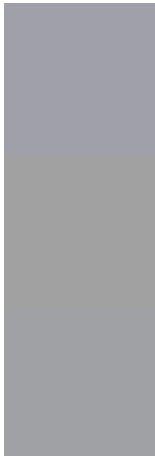
Original Color
66, 5.552, 286.940

Protanomaly
66, 6.122, 294.299

Deuteranomaly
66, 8.664, 316.502

Tritanomaly
66, 6.660, 290.883

Monochromacy



Original Color
66, 5.552, 286.940

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 1.704, 277.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 5.552, 286.940 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(159, 160, 170)` looks like.

```
.text, #text, p{  
    color:rgb(159, 160, 170)  
}
```

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(159, 160, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 160, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 5.552, 286.940 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(159, 160, 170) }
```

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

```
.border{ border-color:rgb(159, 160, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 160, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 160, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 160, 170);  
box-shadow:4px 4px 4px 4px rgb(159, 160,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 5.552, 286.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 160, 170) }
```

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

```
.background{ background-color: rgb(159,  
160, 170) }
```

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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