

Converting Colors

CIELCh(66, 4.449, 285.872)

Have a look what the booklet for
CIELCh(66, 4.449, 285.872) contains.

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Color

CIELCh(66, 4.447, 285.850)

Conversions

Conversions Part 1

Format	Color
Hex	9FA0A8
RGB	159, 160, 168
RGB Percent	62%, 63%, 66%
CMY	0.3766, 0.3727, 0.3413
CMYK	0.05, 0.05, 0.00, 0.34
HSL	233°, 5%, 64%
HSV	233°, 5%, 66%
XYZ	33.9215, 35.3238, 42.0597
YIQ	160.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

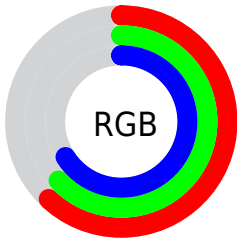
Format	Color
RYB	159, 160, 168
Decimal	10461352
CIELab	66.00, 1.21, -4.28
CIElCh	66, 4.447, 285.850
Yxy	35.3238, 0.3048, 0.3174
Android (android.graphics.Color)	4288651432 (0xFF9FA0A8)
YUV	160.6130, 3.6418, -1.4146
Hunter-Lab	59.4338, -2.1313, -0.3542

Details

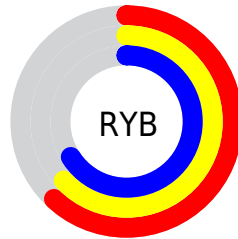
The CIELCh color **66, 4.447, 285.850** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 4.393, 104.674**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 4.212, 285.721**, and **46, 4.173, 285.302** is the 20% darker color. If you saturate the color by 10%, you get **61, 12.949, 287.019**, and if you desaturate by 10%, it is **71, 3.773, 104.763**.

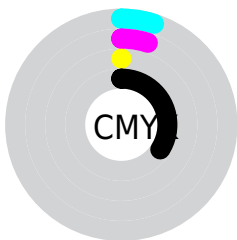
Distribution



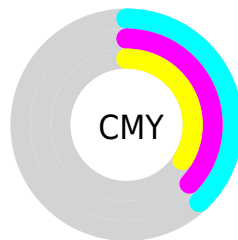
- Red (62%)
- Green (63%)
- Blue (66%)



- Red (62%)
- Yellow (63%)
- Blue (66%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (34%)



- Cyan (38%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 4.447, 285.850 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, 4.447, 285.850 by changing the saturation by 10% instead.

■ 66, 4.447, 285.850

■ 66, 4.447, 285.850

100, 4.447,
285.850

■ 56, 4.447, 285.850

■ 86, 4.447, 285.850

■ 46, 4.447, 285.850

■ 96, 4.447, 285.850

■ 36, 4.447, 285.850

■ 26, 4.447, 285.850

■ 16, 4.447, 285.850

■ 6, 4.447, 285.850

■ 0, 4.447, 285.850

■ 66, 4.447, 285.850

■ 66, 4.447, 285.850

■ 61, 12.949,

■ 71, 3.773, 104.763

287.019

77, 11.727,
103.899

55, 21.760,
288.416

82, 19.434,
103.140

50, 30.905,
290.052

87, 26.908,
102.479

45, 40.410,
291.954

92, 34.162,
101.901

39, 50.279,
294.132

97, 41.059,
103.996

34, 60.458,
296.558

98, 43.520,
106.853

30, 70.736,
299.133

26, 80.585,
301.661

22, 89.039,
303.855

Harmonies

Complementary

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



66, 4.447, 285.850



68, 4.393, 104.674

Rectangle

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



66, 4.447, 285.850



66, 4.447, 335.850



66, 4.447, 105.850



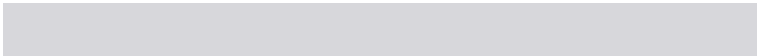
66, 4.447, 155.850

Sweetspot

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



66, 4.446, 285.836



86, 2.057, 285.514



68, 3.421, 189.517



46, 1.168, 285.505



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 4.446, 285.836



84, 6.192, 285.917



66, 5.176, 305.146



34, 3.298, 285.960



18, 83.415, 304.426



1, 8.657, 286.004

Inverse Universe

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



66, 3.508, 10.526



84, 4.893, 10.606



68, 5.117, 124.645



34, 2.608, 10.647



30, 64.978, 34.376



1, 6.648, 11.481

Previews

White Background



This preview shows how the CIELCh color 66, 4.447, 285.850 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, 4.447, 285.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

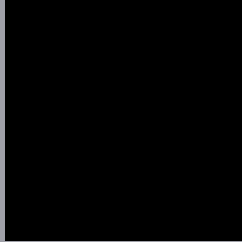
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

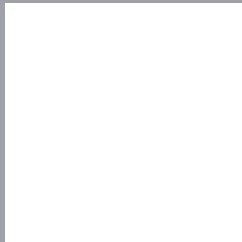
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 4.447, 285.850

Background



This preview shows how black text looks on a background with the CIELCh color 66, 4.447, 285.850.



This preview shows how white text looks on a background with the CIELCh color 66, 4.447, 285.850.

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, 4.447, 285.850

Protanopia

66, 5.062, 299.194

Deuteranopia

66, 9.446, 330.630



Tritanopia
66, 7.229, 293.865

Trichromacy



Original Color
66, 4.447, 285.850

Protanomaly
66, 5.016, 294.975

Deuteranomaly
66, 7.685, 320.090

Tritanomaly
66, 6.676, 294.059

Monochromacy



Original Color
66, 4.447, 285.850

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, 4.447, 285.850 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(159, 160, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 160, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 4.447, 285.850 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, 168) }
```

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

```
.border{ border-color:rgb(159, 160, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 160, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 160, 168);  
box-shadow:4px 4px 4px 4px rgb(159, 160,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 4.447, 285.850 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, 168) }
```

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

```
.background{ background-color: rgb(159,  
160, 168) }
```

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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