

Converting Colors

CIELCh(66, 7.147, 276.767)

Have a look what the booklet for
CIELCh(66, 7.147, 276.767) contains.

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Color

CIELCh(66, 7.328, 279.412)

Conversions

Conversions Part 1

Format	Color
Hex	9CA0AD
RGB	156, 160, 173
RGB Percent	61%, 63%, 68%
CMY	0.3874, 0.3718, 0.3208
CMYK	0.10, 0.08, 0.00, 0.32
HSL	226°, 9%, 65%
HSV	226°, 10%, 68%
XYZ	33.9169, 35.3238, 44.6686
YIQ	160.2860, -6.5570, 3.1950

Conversions

Conversions Part 2

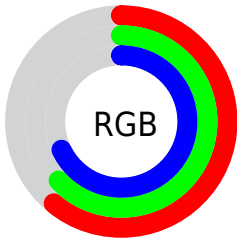
Format	Color
R_{YB}	156, 159, 173
Decimal	10264749
CIE Lab	66.00, 1.20, -7.23
CIE LCh	66, 7.328, 279.412
Yxy	35.3238, 0.2978, 0.3101
Android (android.graphics.Color)	4288454829 (0xFF9CA0AD)
YUV	160.2860, 6.2680, -3.7588
Hunter-Lab	59.4338, -2.1453, -2.9568

Details

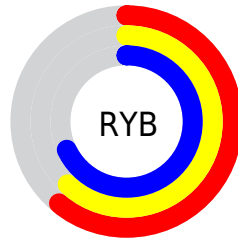
The CIELCh color $66, 7.328, 279.412$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 7.261, 97.044$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 6.942, 279.132$, and $46, 7.265, 278.854$ is the 20% darker color. If you saturate the color by 10%, you get $61, 14.975, 280.800$, and if you desaturate by 10%, it is $71, 0.127, 96.910$.

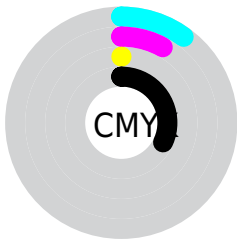
Distribution



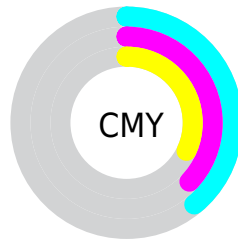
- Red (61%)
- Green (63%)
- Blue (68%)



- Red (61%)
- Yellow (62%)
- Blue (68%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (32%)



- Cyan (39%)
- Magenta (37%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 7.328, 279.412 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, 7.328, 279.412 by changing the saturation by 10% instead.

■ 66, 7.328, 279.412

■ 66, 7.328, 279.412

■ 100, 7.328,
279.412

■ 56, 7.328, 279.412

■ 86, 7.328, 279.412

■ 46, 7.328, 279.412

■ 96, 7.328, 279.412

■ 36, 7.328, 279.412

■ 26, 7.328, 279.412

■ 16, 7.328, 279.412

■ 6, 7.328, 279.412

■ 0, 7.328, 279.412

■ 66, 7.328, 279.412

■ 66, 7.328, 279.412

■ 61, 14.975,

■ 71, 0.127, 96.910

280.800

76, 7.396, 97.102

56, 22.833,
282.439

81, 14.489, 96.204

51, 30.920,
284.352

85, 21.412, 95.413

46, 39.260,
286.571

90, 28.172, 94.716

42, 47.878,
289.113

94, 34.339, 97.387

37, 56.776,
291.959

98, 40.012,
105.936

33, 65.882,
295.025

29, 74.960,
298.144

26, 83.542,
300.999

Harmonies

Complementary

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



66, 7.328, 279.412



69, 7.261, 97.044

Rectangle

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



66, 7.328, 279.412



66, 7.328, 329.412



66, 7.328, 99.412



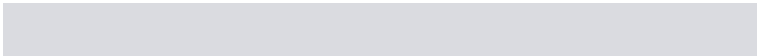
66, 7.328, 149.412

Sweetspot

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



66, 7.327, 279.403



88, 2.747, 278.613



69, 6.756, 178.697



46, 2.080, 278.692



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, 7.327, 279.403



82, 11.087, 279.716



65, 9.611, 300.537



34, 4.227, 279.338



22, 74.645, 300.706



2, 9.270, 280.879

Inverse Universe

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



66, 6.940, 1.447



82, 10.531, 1.704



70, 9.419, 119.313



34, 4.001, 1.392



31, 60.851, 25.679



2, 8.128, 3.858

Previews

White Background



This preview shows how the CIELCh color 66, 7.328, 279.412 looks on a white background.

Color Contrast Check

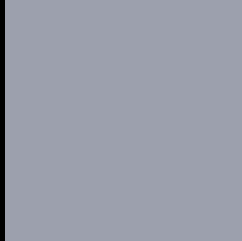
Large Text (above 18pt) WCAG AA × Fail

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, 7.328, 279.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

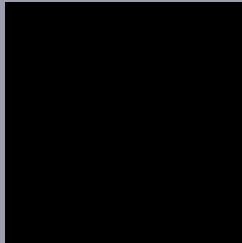
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 7.328, 279.412

Background



This preview shows how black text looks on a background with the CIELCh color 66, 7.328, 279.412.



This preview shows how white text looks on a background with the CIELCh color 66, 7.328, 279.412.

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

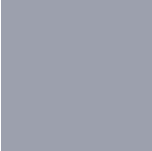
66, 7.328, 279.412

Protanopia

66, 7.783, 293.706

Deuteranopia

66, 11.151, 316.847



Tritanopia
66, 7.328, 279.412

Trichromacy



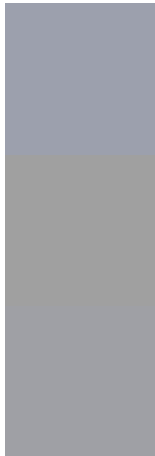
Original Color
66, 7.328, 279.412

Protanomaly
66, 7.769, 290.996

Deuteranomaly
66, 9.183, 305.056

Tritanomaly
66, 7.328, 279.412

Monochromacy



Original Color
66, 7.328, 279.412

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 2.796, 282.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 7.328, 279.412 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(156, 160, 173)` looks like.

```
.text, #text, p{  
    color:rgb(156, 160, 173)  
}
```

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(156, 160, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 160, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 7.328, 279.412 is called "border". The border property can be set on classes, ids or directly on the HTML element.

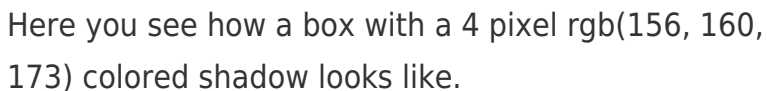
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 160, 173) }
```

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

```
.border{ border-color:rgb(156, 160, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 160, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 160, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 160, 173); box-shadow:4px 4px 4px 4px rgb(156, 160, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 7.328, 279.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 160, 173) }
```

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

```
.background{ background-color: rgb(156,  
160, 173) }
```

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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