

Converting Colors

CIELCh(66, 6.870, 274.987)

Have a look what the booklet for
CIELCh(66, 6.870, 274.987) contains.

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Color

CIELCh(66, 6.959, 272.503)

Conversions

Conversions Part 1

Format	Color
Hex	9BA1AD
RGB	155, 161, 173
RGB Percent	61%, 63%, 68%
CMY	0.3934, 0.3698, 0.3228
CMYK	0.10, 0.07, 0.00, 0.32
HSL	220°, 10%, 64%
HSV	220°, 10%, 68%
XYZ	33.6609, 35.3238, 44.4193
YIQ	160.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

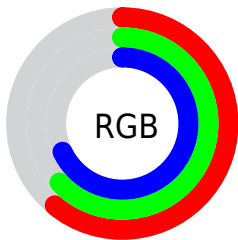
Format	Color
R _Y B	155, 160, 173
Decimal	10199469
CIE Lab	66.00, 0.30, -6.95
CIE LCh	66, 6.959, 272.503
Yxy	35.3238, 0.2968, 0.3115
Android (android.graphics.Color)	4288389549 (0xFF9BA1AD)
YUV	160.5740, 6.1260, -4.8884
Hunter-Lab	59.4338, -2.9141, -2.7081

Details

The CIELCh color $66, 6.959, 272.503$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 6.962, 89.807$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 6.711, 269.359$, and $46, 6.879, 271.375$ is the 20% darker color. If you saturate the color by 10%, you get $62, 13.735, 273.990$, and if you desaturate by 10%, it is $70, 0.286, 271.918$.

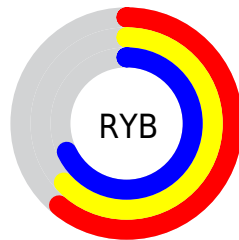
Distribution



Red (61%)

Green (63%)

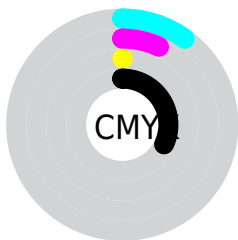
Blue (68%)



Red (61%)

Yellow (63%)

Blue (68%)

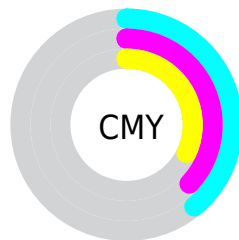


Cyan (10%)

Magenta (7%)

Yellow (0%)

Black (32%)



Cyan (39%)

Magenta (37%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 6.959, 272.503 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, 6.959, 272.503 by changing the saturation by 10% instead.

■ 66, 6.959, 272.503

■ 66, 6.959, 272.503

■ 100, 6.959,
272.503

■ 56, 6.959, 272.503

■ 86, 6.959, 272.503

■ 46, 6.959, 272.503

■ 96, 6.959, 272.503

■ 36, 6.959, 272.503

■ 26, 6.959, 272.503

■ 16, 6.959, 272.503

■ 6, 6.959, 272.503

■ 0, 6.959, 272.503

■ 66, 6.959, 272.503

■ 66, 6.959, 272.503

■ 62, 13.735,

■ 70, 0.286, 271.918

273.990

75, 6.281, 90.003

57, 20.620,
275.749

79, 12.742, 89.043

53, 27.622,
277.807

84, 19.095, 88.193

48, 34.756,
280.202

88, 25.339, 87.442

44, 42.050,
282.962

95, 35.235, 98.614

40, 49.535,
286.083

98, 40.204,
105.850

36, 57.227,
289.506

98, 41.226,
107.030

33, 65.084,
293.099

29, 72.635,
296.408

Harmonies

Complementary

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



66, 6.959, 272.503



69, 6.962, 89.807

Rectangle

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



66, 6.959, 272.503



66, 6.959, 322.503



66, 6.959, 92.503



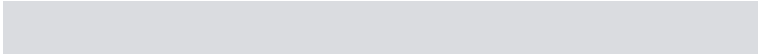
66, 6.959, 142.503

Sweetspot

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



66, 6.958, 272.493



88, 2.471, 271.591



69, 7.586, 171.703



46, 1.871, 271.669



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, 6.958, 272.493



82, 10.763, 272.888



65, 10.094, 296.868



34, 3.790, 272.342



25, 64.863, 295.992



2, 8.502, 275.725

Inverse Universe

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



66, 7.707, 354.600



82, 11.959, 354.897



70, 9.865, 115.299



34, 4.193, 354.484



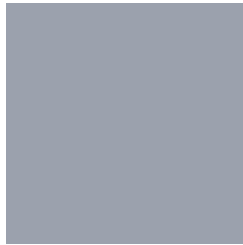
31, 58.073, 17.037



2, 8.429, 357.925

Previews

White Background



This preview shows how the CIELCh color 66, 6.959, 272.503 looks on a white background.

Color Contrast Check

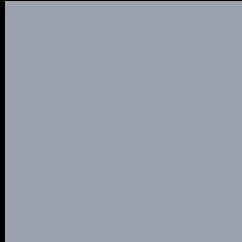
Large Text (above 18pt) WCAG AA × Fail

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, 6.959, 272.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

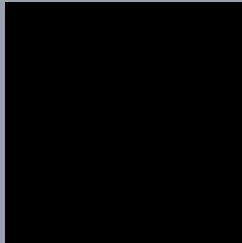
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

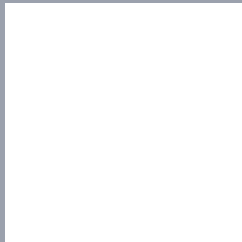
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 6.959, 272.503

Background



This preview shows how black text looks on a background with the CIELCh color 66, 6.959, 272.503.

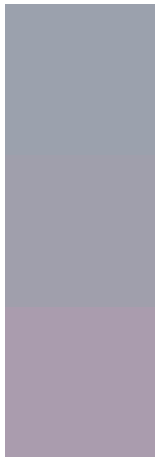


This preview shows how white text looks on a background with the CIELCh color 66, 6.959, 272.503.

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

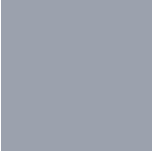
66, 6.959, 272.503

Protanopia

66, 7.229, 293.865

Deuteranopia

66, 11.318, 318.569



Tritanopia
66, 6.959, 272.503

Trichromacy



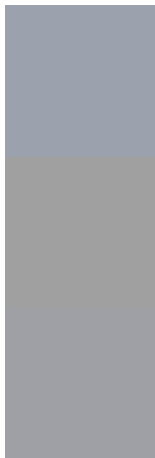
Original Color
66, 6.959, 272.503

Protanomaly
66, 6.681, 284.554

Deuteranomaly
66, 9.183, 305.056

Tritanomaly
66, 6.959, 272.503

Monochromacy



Original Color
66, 6.959, 272.503

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 2.864, 275.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 6.959, 272.503 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(155, 161, 173)` looks like.

```
.text, #text, p{  
    color:rgb(155, 161, 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(155, 161, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 161, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 6.959, 272.503 is called "border". The border property can be set on classes, ids or directly on the HTML element.

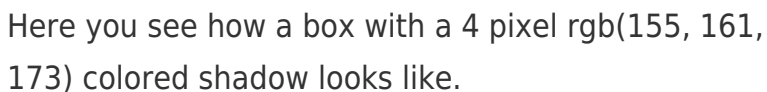
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 161, 173) }
```

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

```
.border{ border-color:rgb(155, 161, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 161, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 161, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 161, 173); box-shadow:4px 4px 4px 4px rgb(155, 161, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 6.959, 272.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 161, 173) }
```

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

```
.background{ background-color: rgb(155,  
161, 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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