

Converting Colors

CIELCh(66, 13.332, 284.295)

Have a look what the booklet for
CIELCh(66, 13.332, 284.295)
contains.

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Color

CIELCh(66, 13.359, 285.453)

Conversions

Conversions Part 1

Format	Color
Hex	9B9FB7
RGB	155, 159, 183
RGB Percent	61%, 62%, 72%
CMY	0.3910, 0.3753, 0.2812
CMYK	0.15, 0.13, 0.00, 0.28
HSL	231°, 16%, 66%
HSV	231°, 15%, 72%
XYZ	34.5988, 35.3238, 49.9564
YIQ	160.5400, -10.0880, 6.6160

Conversions

Conversions Part 2

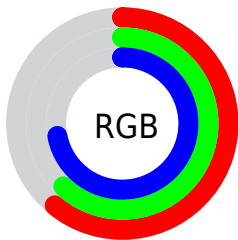
Format	Color
R_{YB}	155, 159, 183
Decimal	10198967
CIE Lab	66.00, 3.56, -12.88
CIE LCh	66, 13.359, 285.453
Yxy	35.3238, 0.2886, 0.2947
Android (android.graphics.Color)	4288389047 (0xFF9B9FB7)
YUV	160.5400, 11.0728, -4.8586
Hunter-Lab	59.4338, -0.0972, -8.2318

Details

The CIELCh color $66, 13.359, 285.453$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 13.055, 101.976$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 13.170, 285.324$, and $46, 13.132, 285.450$ is the 20% darker color. If you saturate the color by 10%, you get $60, 22.472, 286.888$, and if you desaturate by 10%, it is $72, 4.547, 284.234$.

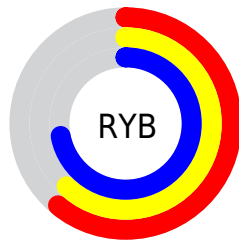
Distribution



Red (61%)

Green (62%)

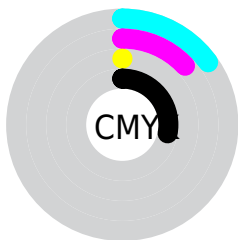
Blue (72%)



Red (61%)

Yellow (62%)

Blue (72%)

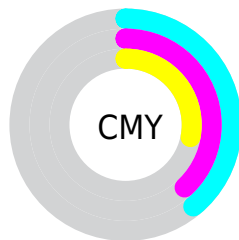


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (28%)



Cyan (39%)


Magenta (38%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 13.359, 285.453 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, 13.359, 285.453 by changing the saturation by 10% instead.


 66, 13.359,
285.453


 66, 13.359,
285.453


 100, 13.359,
285.453


 56, 13.359,
285.453


 86, 13.359,
285.453

 46, 13.359,
285.453

 96, 13.359,
285.453

 36, 13.359,
285.453

 26, 13.359,
285.453

 16, 13.359,
285.453

 6, 13.359, 285.453

 0, 13.359, 285.453

66, 13.359,
285.453

66, 13.359,
285.453

60, 22.472,
286.888

72, 4.547, 284.234

55, 31.916,
288.572

77, 3.984, 103.120

83, 12.253,
102.230

49, 41.718,
290.533

88, 20.276,
101.446

44, 51.892,
292.784

94, 28.067,
100.761

38, 62.406,
295.305

98, 35.348,
106.572

34, 73.092,
298.007

99, 36.023,
107.432

29, 83.500,
300.708

26, 92.753,

303.135

■ 24, 96.429,
304.045

Harmonies

Complementary

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



66, 13.359, 285.453



73, 13.055, 101.976

Rectangle

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



66, 13.359, 285.453



66, 13.359, 335.453



66, 13.359, 105.453



66, 13.359, 155.453

Sweetspot

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



66, 13.358, 285.449



90, 5.307, 284.212



72, 10.420, 185.899



48, 3.653, 284.289



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



66, 13.358, 285.449



81, 19.495, 285.859



66, 16.019, 304.519



36, 4.913, 284.700



20, 84.638, 303.778



2, 13.778, 285.713

Inverse Universe

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



67, 11.151, 9.076



82, 16.337, 9.411



73, 15.590, 122.866



36, 4.068, 8.452



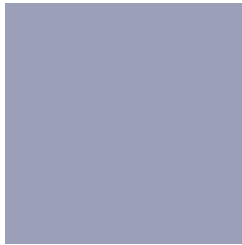
32, 66.227, 32.683



2, 10.782, 10.784

Previews

White Background



This preview shows how the CIELCh color 66, 13.359, 285.453 looks on a white background.

Color Contrast Check

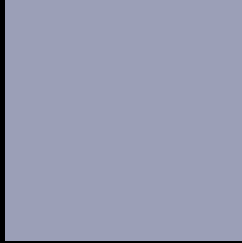
Large Text (above 18pt) WCAG AA × Fail

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, 13.359, 285.453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

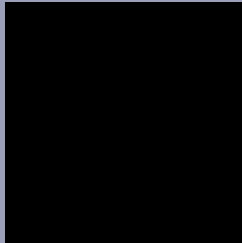
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 13.359, 285.453

Background



This preview shows how black text looks on a background with the CIELCh color 66, 13.359, 285.453.



This preview shows how white text looks on a background with the CIELCh color 66, 13.359, 285.453.

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

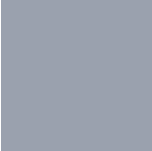
66, 13.359, 285.453

Protanopia

66, 13.333, 286.967

Deuteranopia

66, 15.939, 303.497



Tritanopia
66, 7.590, 271.313

Trichromacy



Original Color
66, 13.359, 285.453

Protanomaly
66, 13.333, 286.967

Deuteranomaly
66, 15.090, 297.174

Tritanomaly
66, 9.626, 278.160

Monochromacy



Original Color
66, 13.359, 285.453

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 4.999, 286.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 13.359, 285.453 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, 159, 183)` looks like.

```
.text, #text, p{  
    color:rgb(155, 159, 183)  
}
```

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, 159, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 159, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 13.359, 285.453 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, 159, 183) }
```

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

```
.border{ border-color:rgb(155, 159, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 159, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 159, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 159, 183); box-shadow:4px 4px 4px 4px rgb(155, 159, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 13.359, 285.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 159, 183) }
```

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

```
.background{ background-color: rgb(155,  
159, 183) }
```

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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