

Converting Colors

CIELCh(67, 16.317, 286.243)

Have a look what the booklet for
CIELCh(67, 16.317, 286.243)
contains.

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Color

CIELCh(67, 16.083, 285.582)

Conversions

Conversions Part 1

Format	Color
Hex	9DA2BF
RGB	157, 162, 191
RGB Percent	62%, 64%, 75%
CMY	0.3854, 0.3658, 0.2521
CMYK	0.18, 0.15, 0.00, 0.25
HSL	231°, 21%, 68%
HSV	231°, 18%, 75%
XYZ	36.0942, 36.6320, 54.2927
YIQ	163.8110, -12.2890, 7.9590

Conversions

Conversions Part 2

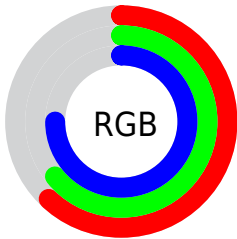
Format	Color
RYB	157, 161, 191
Decimal	10330815
CIELab	67.00, 4.32, -15.49
CIELCh	67, 16.083, 285.582
Yxy	36.6320, 0.2842, 0.2884
Android (android.graphics.Color)	4288520895 (0xFF9DA2BF)
YUV	163.8110, 13.4042, -5.9732
Hunter-Lab	60.5244, 0.5324, -10.8184

Details

The CIELCh color $67, 16.083, 285.582$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 15.664, 101.456$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 15.763, 285.339$, and $47, 16.639, 286.151$ is the 20% darker color. If you saturate the color by 10%, you get $61, 25.531, 287.087$, and if you desaturate by 10%, it is $73, 6.949, 284.298$.

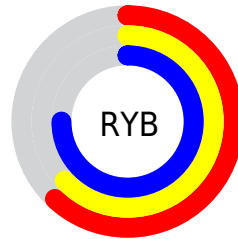
Distribution



Red (62%)

Green (64%)

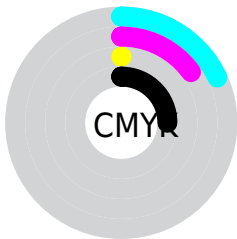
Blue (75%)



Red (62%)

Yellow (63%)

Blue (75%)

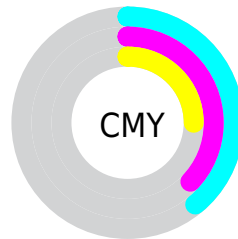


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (39%)

Magenta (37%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 16.083, 285.582 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 67, 16.083, 285.582 by changing the saturation by 10% instead.

■ 67, 16.083,
285.582

■ 67, 16.083,
285.582

■ 100, 16.083,
285.582

■ 57, 16.083,
285.582

■ 87, 16.083,
285.582

■ 47, 16.083,
285.582

■ 97, 16.083,
285.582

■ 37, 16.083,
285.582

■ 27, 16.083,
285.582

■ 17, 16.083,
285.582

■ 7, 16.083, 285.582

■ 0, 16.083, 285.582

67, 16.083,
285.582

67, 16.083,
285.582

61, 25.531,
287.087

73, 6.949, 284.298

55, 35.326,
288.852

78, 1.892, 103.108

50, 45.492,
290.901

84, 10.461,
102.211

44, 56.041,
293.243

90, 18.775,
101.394

39, 66.914,
295.843

95, 26.848,
100.681

34, 77.888,
298.591

99, 32.356,
107.715

30, 88.404,
301.279

26, 97.471,

303.598

■ 26, 99.158,
303.999

Harmonies

Complementary

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



67, 16.083, 285.582



75, 15.664, 101.456

Rectangle

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



67, 16.083, 285.582



67, 16.083, 335.582



67, 16.083, 105.582



67, 16.083, 155.582

Sweetspot

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



67, 16.082, 285.579



94, 5.466, 283.988



75, 12.489, 185.668



50, 3.763, 284.066



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



67, 16.082, 285.579



82, 23.541, 286.082



67, 19.381, 304.682



37, 5.002, 284.479



20, 85.420, 303.698



2, 15.606, 286.157

Inverse Universe

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



68, 13.546, 9.031



84, 19.911, 9.442



76, 18.774, 122.725



37, 4.166, 8.120



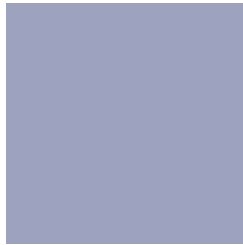
33, 66.885, 32.479



3, 12.409, 10.991

Previews

White Background



This preview shows how the CIELCh color 67, 16.083, 285.582 looks on a white background.

Color Contrast Check

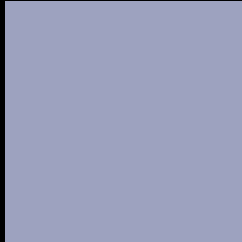
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 67, 16.083, 285.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

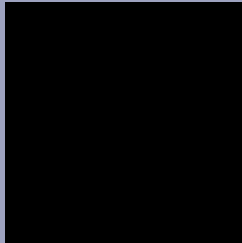
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 16.083, 285.582

Background



This preview shows how black text looks on a background with the CIELCh color 67, 16.083, 285.582.



This preview shows how white text looks on a background with the CIELCh color 67, 16.083, 285.582.

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

67, 16.083, 285.582

Protanopia

67, 16.083, 285.582

Deuteranopia

67, 17.885, 298.793



Tritanopia
67, 7.966, 263.934

Trichromacy



Original Color
67, 16.083, 285.582

Protanomaly
67, 16.083, 285.582

Deuteranomaly
67, 17.186, 294.280

Tritanomaly
67, 10.818, 275.947

Monochromacy



Original Color
67, 16.083, 285.582

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 6.111, 283.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 16.083, 285.582 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(157, 162, 191)` looks like.

```
.text, #text, p{  
    color:rgb(157, 162, 191)  
}
```

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(157, 162, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 162, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 16.083, 285.582 is called "border". The border property can be set on classes, ids or directly on the HTML element.

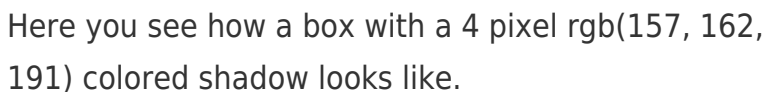
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 162, 191) }
```

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

```
.border{ border-color:rgb(157, 162, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 162, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 162, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 162, 191);  
box-shadow:4px 4px 4px 4px rgb(157, 162,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 16.083, 285.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 162, 191) }
```

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

```
.background{ background-color: rgb(157,  
162, 191) }
```

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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