

Converting Colors

CIELCh(69, 15.343, 305.177)

Have a look what the booklet for
CIELCh(69, 15.343, 305.177)
contains.

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Color

CIELCh(69, 15.343, 305.177)

Conversions

Conversions Part 1

Format	Color
Hex	AEA4BF
RGB	174, 164, 191
RGB Percent	68%, 64%, 75%
CMY	0.3174, 0.3566, 0.2507
CMYK	0.09, 0.14, 0.00, 0.25
HSL	262°, 17%, 70%
HSV	262°, 14%, 75%
XYZ	40.1681, 39.3444, 54.8051
YIQ	170.0680, -2.7070, 10.5170

Conversions

Conversions Part 2

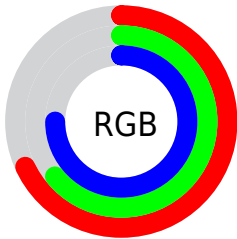
Format	Color
RYB	174, 164, 191
Decimal	11445439
CIELab	69.00, 8.84, -12.54
CIELCh	69, 15.343, 305.177
Yxy	39.3444, 0.2991, 0.2929
Android (android.graphics.Color)	4289635519 (0xFFAEA4BF)
YUV	170.0680, 10.3195, 3.4484
Hunter-Lab	62.7251, 4.5394, -7.8962

Details

The CIELCh color $69, 15.343, 305.177$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $76, 14.970, 123.698$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 15.151, 305.826$, and $49, 15.740, 304.580$ is the 20% darker color. If you saturate the color by 10%, you get $63, 26.624, 305.797$, and if you desaturate by 10%, it is $75, 4.416, 304.610$.

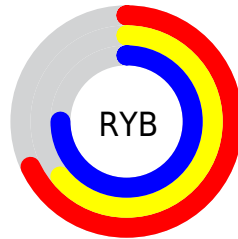
Distribution



Red (68%)

Green (64%)

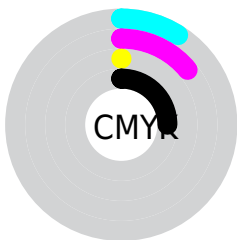
Blue (75%)



Red (68%)

Yellow (64%)

Blue (75%)

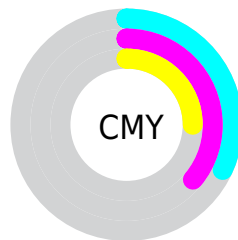


Cyan (9%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (32%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 15.343, 305.177 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 69, 15.343, 305.177 by changing the saturation by 10% instead.

■ 69, 15.343,
305.177

■ 69, 15.343,
305.177

■ 100, 15.343,
305.177

■ 59, 15.343,
305.177

■ 89, 15.343,
305.177

■ 49, 15.343,
305.177

■ 99, 15.343,
305.177

■ 39, 15.343,
305.177

■ 29, 15.343,
305.177

■ 19, 15.343,
305.177

■ 9, 15.343, 305.177

■ 0, 15.343, 305.177

69, 15.343,
305.177

69, 15.343,
305.177

63, 26.624,
305.797

75, 4.416, 304.610

57, 38.233,
306.479

81, 6.147, 124.149

51, 50.088,
307.210

87, 16.356,
123.714

46, 62.018,
307.959

93, 26.225,
123.341

40, 73.699,
308.672

97, 33.212,
121.326

36, 84.570,
309.258

98, 32.379,
113.609

32, 93.782,
309.585

99, 32.181,
107.729

28, 100.340,

309.499

■ 27, 103.207,
309.335

Harmonies

Complementary

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



69, 15.343, 305.177



76, 14.970, 123.698

Rectangle

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



69, 15.343, 305.177



69, 15.343, 355.177



69, 15.343, 125.177



69, 15.343, 175.177

Sweetspot

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



69, 15.341, 305.175



94, 5.274, 304.606



73, 8.014, 241.367



50, 3.782, 304.649



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 15.341, 305.175



85, 22.879, 305.363



70, 17.156, 321.412



37, 6.044, 304.900



22, 89.551, 309.481



2, 17.775, 300.880

Inverse Universe

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



70, 13.777, 338.297



87, 20.486, 338.549



75, 17.073, 140.058



37, 5.448, 337.918



34, 62.149, 350.032



3, 15.193, 343.914

Previews

White Background



This preview shows how the CIELCh color 69, 15.343, 305.177 looks on a white background.

Color Contrast Check

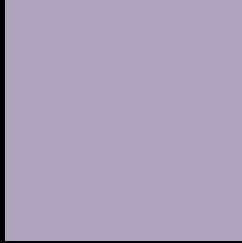
Large Text (above 18pt) WCAG AA × Fail

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 69, 15.343, 305.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

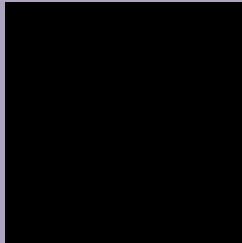
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 15.343, 305.177

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.343, 305.177.



This preview shows how white text looks on a background with the CIELCh color 69, 15.343, 305.177.

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


69, 15.343, 305.177

Protanopia

69, 14.308, 287.376

Deuteranopia

69, 15.343, 305.177



Tritanopia
69, 7.516, 308.031

Trichromacy



Original Color
69, 15.343, 305.177

Protanomaly
69, 14.330, 294.452

Deuteranomaly
69, 15.343, 305.177

Tritanomaly
69, 10.369, 307.560

Monochromacy



Original Color
69, 15.343, 305.177

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 5.621, 302.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 15.343, 305.177 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(174, 164, 191)` looks like.

```
.text, #text, p{  
    color:rgb(174, 164, 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(174, 164, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 164, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.343, 305.177 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(174, 164, 191) }
```

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

```
.border{ border-color:rgb(174, 164, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 164, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 164, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 164, 191);  
box-shadow:4px 4px 4px 4px rgb(174, 164,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.343, 305.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 164, 191) }
```

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

```
.background{ background-color: rgb(174,  
164, 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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