

Converting Colors

CIELCh(69, 16.465, 304.992)

Have a look what the booklet for
CIELCh(69, 16.465, 304.992)
contains.

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Color

CIELCh(69, 16.411, 304.323)

Conversions

Conversions Part 1

Format	Color
Hex	AEA4C1
RGB	174, 164, 193
RGB Percent	68%, 64%, 76%
CMY	0.3181, 0.3573, 0.2436
CMYK	0.10, 0.15, 0.00, 0.24
HSL	261°, 19%, 70%
HSV	261°, 15%, 76%
XYZ	40.3013, 39.3444, 55.8580
YIQ	170.2960, -3.3490, 11.1390

Conversions

Conversions Part 2

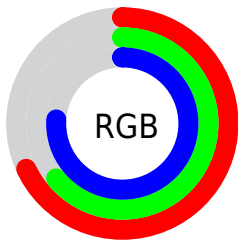
Format	Color
RYB	174, 164, 193
Decimal	11445441
CIELab	69.00, 9.25, -13.55
CIElCh	69, 16.411, 304.323
Yxy	39.3444, 0.2974, 0.2904
Android (android.graphics.Color)	4289635521 (0xFFAEA4C1)
YUV	170.2960, 11.1931, 3.2484
Hunter-Lab	62.7251, 4.9185, -8.8914

Details

The CIELCh color $69, 16.411, 304.323$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $77, 15.972, 122.677$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 16.160, 304.934$, and $49, 16.313, 304.167$ is the 20% darker color. If you saturate the color by 10%, you get $63, 27.783, 304.980$, and if you desaturate by 10%, it is $75, 5.405, 303.729$.

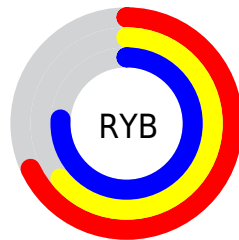
Distribution



Red (68%)

Green (64%)

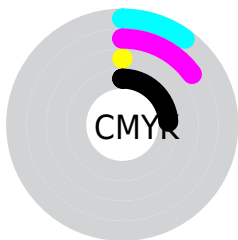
Blue (76%)



Red (68%)

Yellow (64%)

Blue (76%)

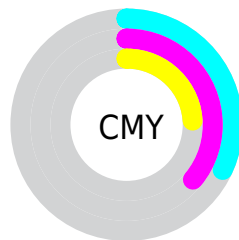


Cyan (10%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (32%)


Magenta (36%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 16.411, 304.323 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, 16.411, 304.323 by changing the saturation by 10% instead.

 69, 16.411,
304.323


 69, 16.411,
304.323


 100, 16.411,
304.323


 59, 16.411,
304.323


 89, 16.411,
304.323

 49, 16.411,
304.323

 99, 16.411,
304.323

 39, 16.411,
304.323

 29, 16.411,
304.323

 19, 16.411,
304.323

 9, 16.411, 304.323

 0, 16.411, 304.323

69, 16.411,
304.323

69, 16.411,
304.323

63, 27.783,
304.980

75, 5.405, 303.729

57, 39.498,
305.707

81, 5.227, 123.238

51, 51.474,
306.490

87, 15.497,
122.781

45, 63.538,
307.298

93, 25.422,
122.390

40, 75.352,
308.073

97, 32.070,
119.913

35, 86.324,
308.718

98, 31.353,
111.456

31, 95.551,
309.091

99, 31.275,
107.799

28, 101.983,

309.028

■ 27, 104.458,
308.926

Harmonies

Complementary

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



69, 16.411, 304.323



77, 15.972, 122.677

Rectangle

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



69, 16.411, 304.323



69, 16.411, 354.323



69, 16.411, 124.323



69, 16.411, 174.323

Sweetspot

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



69, 16.409, 304.321



95, 6.629, 303.732



73, 8.509, 237.166



50, 4.526, 303.772



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, 16.409, 304.321



85, 24.380, 304.528



70, 18.231, 320.467



38, 6.154, 303.979



22, 91.069, 309.061



2, 19.812, 300.404

Inverse Universe

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



70, 15.046, 337.217



87, 22.278, 337.472



76, 18.118, 139.067



38, 5.672, 336.782



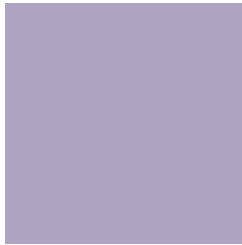
35, 63.739, 348.031



3, 17.590, 342.909

Previews

White Background



This preview shows how the CIELCh color 69, 16.411, 304.323 looks on a white background.

Color Contrast Check

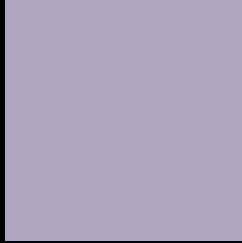
Large Text (above 18pt) WCAG AA × Fail

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, 16.411, 304.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

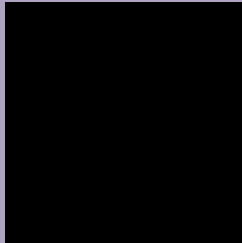
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 16.411, 304.323

Background



This preview shows how black text looks on a background with the CIELCh color 69, 16.411, 304.323.



This preview shows how white text looks on a background with the CIELCh color 69, 16.411, 304.323.

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, 16.411, 304.323

Protanopia

69, 15.422, 286.514

Deuteranopia

69, 16.335, 303.091



Tritanopia
69, 7.516, 308.031

Trichromacy



Original Color
69, 16.411, 304.323

Protanomaly
69, 15.410, 293.031

Deuteranomaly
69, 16.335, 303.091

Tritanomaly
69, 10.897, 306.760

Monochromacy



Original Color
69, 16.411, 304.323

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, 16.411, 304.323 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(174, 164, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 164, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 16.411, 304.323 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, 193) }
```

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

```
.border{ border-color:rgb(174, 164, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 164, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 164, 193);  
box-shadow:4px 4px 4px 4px rgb(174, 164,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 16.411, 304.323 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, 193) }
```

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

```
.background{ background-color: rgb(174,  
164, 193) }
```

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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