

Converting Colors

CIELCh(67, 17.696, 304.768)

Have a look what the booklet for
CIELCh(67, 17.696, 304.768)
contains.

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Color

CIELCh(67, 17.676, 304.763)

Conversions

Conversions Part 1

Format	Color
Hex	A99EBD
RGB	169, 158, 189
RGB Percent	66%, 62%, 74%
CMY	0.3367, 0.3798, 0.2583
CMYK	0.11, 0.16, 0.00, 0.26
HSL	261°, 19%, 68%
HSV	261°, 16%, 74%
XYZ	37.8438, 36.6320, 53.3018
YIQ	164.8230, -3.3950, 11.9730

Conversions

Conversions Part 2

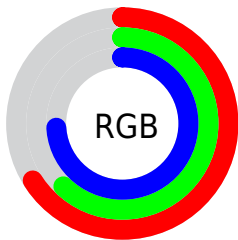
Format	Color
R_{YB}	169, 158, 189
Decimal	11116221
CIE _{Lab}	67.00, 10.08, -14.52
CIE _{LCh}	67, 17.676, 304.763
Yxy	36.6320, 0.2962, 0.2867
Android (android.graphics.Color)	4289306301 (0xFFA99EBD)
YUV	164.8230, 11.9193, 3.6632
Hunter-Lab	60.5244, 5.6924, -9.8477

Details

The CIELCh color $67, 17.676, 304.763$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $75, 17.170, 122.989$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 17.261, 304.175$, and $47, 17.670, 304.690$ is the 20% darker color. If you saturate the color by 10%, you get $61, 28.925, 305.416$, and if you desaturate by 10%, it is $73, 6.780, 304.172$.

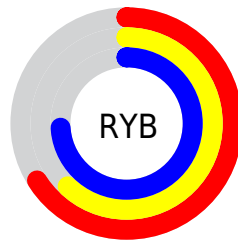
Distribution



Red (66%)

Green (62%)

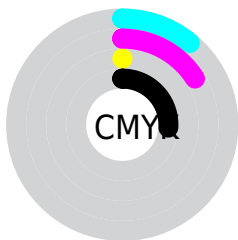
Blue (74%)



Red (66%)

Yellow (62%)

Blue (74%)

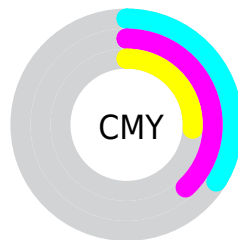


Cyan (11%)

Magenta (16%)

Yellow (0%)

Black (26%)



Cyan (34%)


Magenta (38%)


Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 17.676, 304.763 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, 17.676, 304.763 by changing the saturation by 10% instead.


 67, 17.676,
304.763


 67, 17.676,
304.763


 100, 17.676,
304.763


 57, 17.676,
304.763


 87, 17.676,
304.763

 47, 17.676,
304.763

 97, 17.676,
304.763

 37, 17.676,
304.763

 27, 17.676,
304.763

 17, 17.676,
304.763

 7, 17.676, 304.763

 0, 17.676, 304.763

67, 17.676,
304.763

67, 17.676,
304.763

61, 28.925,
305.416

73, 6.780, 304.172

55, 40.497,
306.134

79, 3.750, 123.685

50, 52.301,
306.901

85, 13.924,
123.221

44, 64.145,
307.684

90, 23.756,
122.828

39, 75.668,
308.420

96, 33.265,
122.488

34, 86.251,
309.007

98, 33.523,
115.870

30, 94.984,
309.302

99, 33.135,
107.943

27, 100.926,

99, 33.134,
107.655

309.162

■ 26, 102.730,
309.094

Harmonies

Complementary

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



67, 17.676, 304.763



75, 17.170, 122.989

Rectangle

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



67, 17.676, 304.763



67, 17.676, 354.763



67, 17.676, 124.763



67, 17.676, 174.763

Sweetspot

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



67, 17.674, 304.762



93, 6.529, 304.099



72, 9.139, 239.483



49, 4.457, 304.138



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 17.674, 304.762



82, 26.765, 305.010



68, 19.673, 321.026



37, 6.029, 304.341



21, 89.819, 309.230



2, 17.748, 300.436

Inverse Universe

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



68, 16.048, 337.771



84, 24.199, 338.085



74, 19.556, 139.463



37, 5.508, 337.222



34, 62.660, 348.787



3, 15.375, 342.998

Previews

White Background



This preview shows how the CIELCh color 67, 17.676, 304.763 looks on a white background.

Color Contrast Check

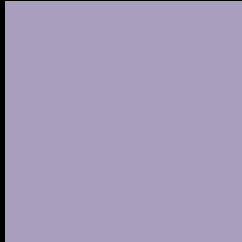
Large Text (above 18pt) WCAG AA × Fail

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, 17.676, 304.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

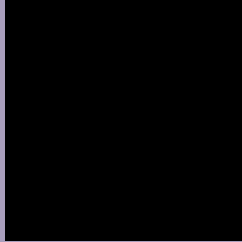
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 17.676, 304.763

Background



This preview shows how black text looks on a background with the CIELCh color 67, 17.676, 304.763.



This preview shows how white text looks on a background with the CIELCh color 67, 17.676, 304.763.

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, 17.676, 304.763

Protanopia

67, 16.083, 285.582

Deuteranopia

67, 16.841, 300.377



Tritanopia
67, 7.558, 308.041

Trichromacy



Original Color
67, 17.676, 304.763

Protanomaly
67, 16.039, 291.819

Deuteranomaly
67, 16.900, 301.579

Tritanomaly
67, 11.489, 306.055

Monochromacy



Original Color
67, 17.676, 304.763

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.274, 304.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 17.676, 304.763 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(169, 158, 189)` looks like.

```
.text, #text, p{  
    color:rgb(169, 158, 189)  
}
```

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(169, 158, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 158, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 17.676, 304.763 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(169, 158, 189) }
```

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

```
.border{ border-color:rgb(169, 158, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 158, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 158, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 158, 189);  
box-shadow:4px 4px 4px 4px rgb(169, 158,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 17.676, 304.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 158, 189) }
```

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

```
.background{ background-color: rgb(169,  
158, 189) }
```

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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