

Converting Colors

CIELCh(67, 17.933, 299.921)

Have a look what the booklet for
CIELCh(67, 17.933, 299.921)
contains.

CIELCh(67, 17.933, 299.921)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 17.933, 299.921)

Conversions

Conversions Part 1

Format	Color
Hex	A69FBF
RGB	166, 159, 191
RGB Percent	65%, 62%, 75%
CMY	0.3493, 0.3767, 0.2512
CMYK	0.13, 0.17, 0.00, 0.25
HSL	253°, 20%, 69%
HSV	253°, 17%, 75%
XYZ	37.4951, 36.6320, 54.3450
YIQ	164.7410, -6.1000, 11.4360

Conversions

Conversions Part 2

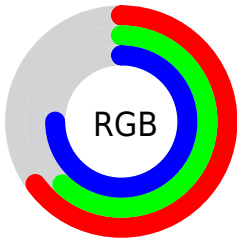
Format	Color
R_{YB}	166, 159, 191
Decimal	10919871
CIE _{Lab}	67.00, 8.95, -15.54
CIE _{LCh}	67, 17.933, 299.921
Yxy	36.6320, 0.2919, 0.2851
Android (android.graphics.Color)	4289109951 (0xFFA69FBF)
YUV	164.7410, 12.9457, 1.1041
Hunter-Lab	60.5244, 4.6638, -10.8696

Details

The CIELCh color $67, 17.933, 299.921$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 17.318, 117.617$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 17.507, 299.427$, and $47, 17.970, 299.629$ is the 20% darker color. If you saturate the color by 10%, you get $61, 29.174, 300.786$, and if you desaturate by 10%, it is $73, 7.101, 299.162$.

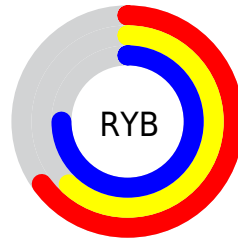
Distribution



Red (65%)

Green (62%)

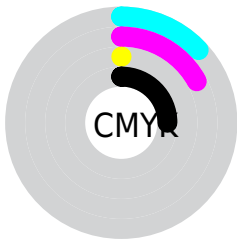
Blue (75%)



Red (65%)

Yellow (62%)

Blue (75%)

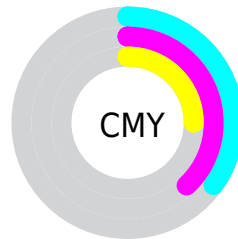


Cyan (13%)

Magenta (17%)

Yellow (0%)

Black (25%)



Cyan (35%)


Magenta (38%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 17.933, 299.921 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, 17.933, 299.921 by changing the saturation by 10% instead.


 67, 17.933,
299.921


 67, 17.933,
299.921


 100, 17.933,
299.921


 57, 17.933,
299.921


 87, 17.933,
299.921

 47, 17.933,
299.921

 97, 17.933,
299.921

 37, 17.933,
299.921

 27, 17.933,
299.921

 17, 17.933,
299.921

 7, 17.933, 299.921

 0, 17.933, 299.921

67, 17.933,
299.921

67, 17.933,
299.921

61, 29.174,
300.786

73, 7.101, 299.162

55, 40.820,
301.767

79, 3.331, 118.516

49, 52.819,
302.857

85, 13.385,
117.947

43, 65.023,
304.027

91, 23.082,
117.460

37, 77.097,
305.210

97, 32.446,
117.042

32, 88.379,
306.281

99, 32.247,
107.724

28, 97.782,
307.051

25, 104.092,

307.329

■ 24, 105.797,
307.407

Harmonies

Complementary

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



67, 17.933, 299.921



76, 17.318, 117.617

Rectangle

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



67, 17.933, 299.921



67, 17.933, 349.921



67, 17.933, 119.921



67, 17.933, 169.921

Sweetspot

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



67, 17.931, 299.919



94, 6.466, 299.045



73, 9.517, 222.182



50, 4.453, 299.094



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, 17.931, 299.919



82, 26.586, 300.215



68, 19.574, 316.957



37, 5.925, 299.348



19, 91.870, 307.511



1, 17.568, 296.710

Inverse Universe

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



69, 18.199, 332.239



85, 26.837, 332.478



75, 19.342, 135.515



37, 6.070, 331.746



35, 68.415, 339.154



3, 17.311, 335.223

Previews

White Background



This preview shows how the CIELCh color 67, 17.933, 299.921 looks on a white background.

Color Contrast Check

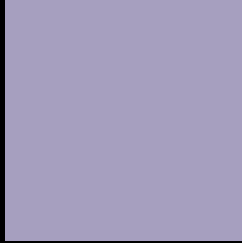
Large Text (above 18pt) WCAG AA × Fail

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, 17.933, 299.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

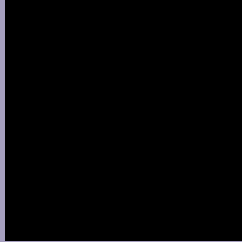
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 17.933, 299.921

Background



This preview shows how black text looks on a background with the CIELCh color 67, 17.933, 299.921.



This preview shows how white text looks on a background with the CIELCh color 67, 17.933, 299.921.

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, 17.933, 299.921

Protanopia

67, 17.179, 286.122

Deuteranopia

67, 17.885, 298.793



Tritanopia
67, 7.204, 293.854

Trichromacy



Original Color
67, 17.933, 299.921

Protanomaly
67, 17.140, 290.760

Deuteranomaly
67, 17.885, 298.793

Tritanomaly
67, 11.136, 296.924

Monochromacy



Original Color
67, 17.933, 299.921

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 6.133, 297.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 17.933, 299.921 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(166, 159, 191)` looks like.

```
.text, #text, p{  
    color:rgb(166, 159, 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(166, 159, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 159, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 17.933, 299.921 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(166, 159, 191) }
```

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

```
.border{ border-color:rgb(166, 159, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 159, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 159, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 159, 191);  
box-shadow:4px 4px 4px 4px rgb(166, 159,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 17.933, 299.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 159, 191) }
```

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

```
.background{ background-color: rgb(166,  
159, 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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