

Converting Colors

CIELCh(67, 15.418, 315.995)

Have a look what the booklet for
CIELCh(67, 15.418, 315.995)
contains.

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Color

CIELCh(67, 15.401, 316.928)

Conversions

Conversions Part 1

Format	Color
Hex	AF9DB6
RGB	175, 157, 182
RGB Percent	69%, 62%, 71%
CMY	0.3135, 0.3841, 0.2861
CMYK	0.04, 0.14, 0.00, 0.29
HSL	283°, 15%, 66%
HSV	283°, 14%, 71%
XYZ	38.2067, 36.6320, 49.3426
YIQ	165.2320, 2.7030, 11.5910

Conversions

Conversions Part 2

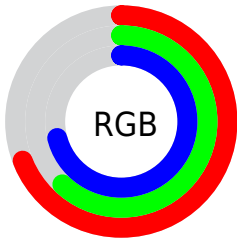
Format	Color
R_{YB}	175, 157, 182
Decimal	11509174
CIE _{Lab}	67.00, 11.25, -10.52
CIE _{LCh}	67, 15.401, 316.928
Yxy	36.6320, 0.3077, 0.2950
Android (android.graphics.Color)	4289699254 (0xFFAF9DB6)
YUV	165.2320, 8.2666, 8.5665
Hunter-Lab	60.5244, 6.7625, -5.9693

Details

The CIELCh color $67, 15.401, 316.928$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $72, 15.248, 135.770$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 15.236, 317.151$, and $47, 15.050, 316.313$ is the 20% darker color. If you saturate the color by 10%, you get $62, 26.836, 317.364$, and if you desaturate by 10%, it is $72, 4.145, 316.475$.

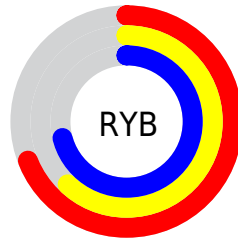
Distribution



Red (69%)

Green (62%)

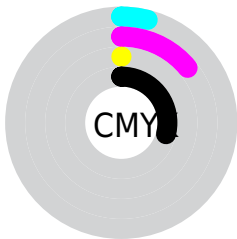
Blue (71%)



Red (69%)

Yellow (62%)

Blue (71%)

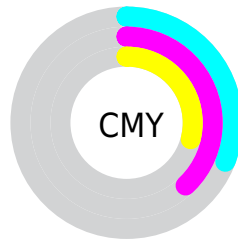


Cyan (4%)

Magenta (14%)

Yellow (0%)

Black (29%)



Cyan (31%)


Magenta (38%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 15.401, 316.928 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, 15.401, 316.928 by changing the saturation by 10% instead.


 67, 15.401,
316.928


 67, 15.401,
316.928


 100, 15.401,
316.928


 57, 15.401,
316.928


 87, 15.401,
316.928

 47, 15.401,
316.928

 97, 15.401,
316.928

 37, 15.401,
316.928

 27, 15.401,
316.928

 17, 15.401,
316.928

 7, 15.401, 316.928

 0, 15.401, 316.928

67, 15.401,
316.928

67, 15.401,
316.928

62, 26.836,
317.364

72, 4.145, 316.475

57, 38.334,
317.794

77, 6.856, 136.141

52, 49.701,
318.196

83, 17.567,
135.750

48, 60.643,
318.540

88, 27.974,
135.399

44, 70.745,
318.783

93, 38.074,
135.080

40, 79.481,
318.871

95, 41.291,
133.638

37, 86.283,
318.746

95, 40.465,
131.394

35, 90.712,

96, 39.700,
129.026

318.351

■ 96, 39.003,
126.536

■ 34, 92.636,
318.013

Harmonies

Complementary

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



67, 15.401, 316.928



72, 15.248, 135.770

Rectangle

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



67, 15.401, 316.928



67, 15.401, 6.928



67, 15.401, 136.928



67, 15.401, 186.928

Sweetspot

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



67, 15.399, 316.927



91, 5.510, 316.493



67, 10.154, 276.717



49, 3.950, 316.530



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 15.399, 316.927



84, 22.296, 317.038



67, 14.344, 331.961



36, 6.370, 316.735



29, 82.426, 318.122



2, 16.773, 313.039

Inverse Universe

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



67, 10.395, 358.653



84, 15.094, 358.936



72, 14.290, 150.215



36, 4.279, 358.178



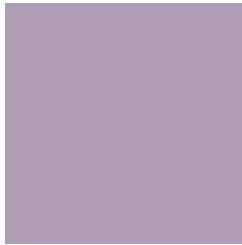
32, 60.933, 22.061



2, 11.140, 2.888

Previews

White Background



This preview shows how the CIELCh color 67, 15.401, 316.928 looks on a white background.

Color Contrast Check

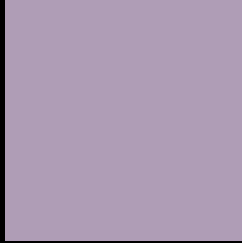
Large Text (above 18pt) WCAG AA × Fail

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, 15.401, 316.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

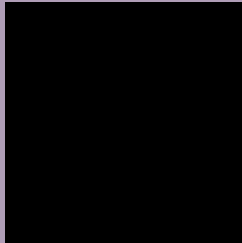
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 15.401, 316.928

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.401, 316.928.



This preview shows how white text looks on a background with the CIELCh color 67, 15.401, 316.928.

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, 15.401, 316.928

Protanopia

67, 12.738, 286.672

Deuteranopia

67, 13.402, 308.878



Tritanopia
67, 8.515, 329.053

Trichromacy



Original Color
67, 15.401, 316.928

Protanomaly
67, 13.437, 299.244

Deuteranomaly
67, 14.301, 312.473

Tritanomaly
67, 11.192, 323.326

Monochromacy



Original Color
67, 15.401, 316.928

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 5.652, 318.334

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 15.401, 316.928 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(175, 157, 182)` looks like.

```
.text, #text, p{  
    color:rgb(175, 157, 182)  
}
```

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(175, 157, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 157, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.401, 316.928 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(175, 157, 182) }
```

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

```
.border{ border-color:rgb(175, 157, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 157, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 157, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 157, 182);  
box-shadow:4px 4px 4px 4px rgb(175, 157,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.401, 316.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 157, 182) }
```

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

```
.background{ background-color: rgb(175,  
157, 182) }
```

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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