

Converting Colors

CIELCh(67, 9.072, 333.847)

Have a look what the booklet for
CIELCh(67, 9.072, 333.847) contains.

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Color

CIELCh(67, 9.275, 334.667)

Conversions

Conversions Part 1

Format	Color
Hex	AF9EAA
RGB	175, 158, 170
RGB Percent	69%, 62%, 67%
CMY	0.3124, 0.3791, 0.3320
CMYK	0.00, 0.10, 0.03, 0.31
HSL	318°, 10%, 65%
HSV	318°, 10%, 69%
XYZ	37.3230, 36.6320, 43.2972
YIQ	164.4510, 6.2800, 7.3360

Conversions

Conversions Part 2

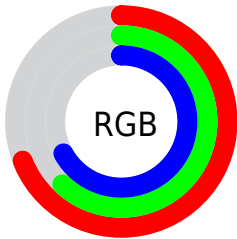
Format	Color
RYB	175, 158, 170
Decimal	11509418
CIELab	67.00, 8.38, -3.97
CIElCh	67, 9.275, 334.667
Yxy	36.6320, 0.3183, 0.3124
Android (android.graphics.Color)	4289699498 (0xFFAF9EAA)
YUV	164.4510, 2.7357, 9.2515
Hunter-Lab	60.5244, 4.1562, -0.0472

Details

The CIELCh color $67, 9.275, 334.667$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 9.227, 153.415$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 9.054, 336.172$, and $47, 9.208, 335.637$ is the 20% darker color. If you saturate the color by 10%, you get $62, 18.948, 335.393$, and if you desaturate by 10%, it is $72, 0.279, 155.128$.

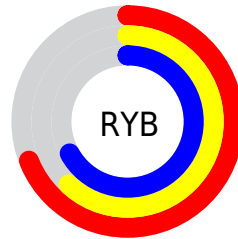
Distribution



Red (69%)

Green (62%)

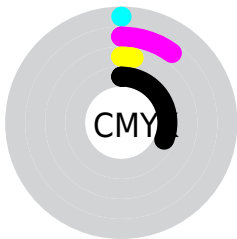
Blue (67%)



Red (69%)

Yellow (62%)

Blue (67%)

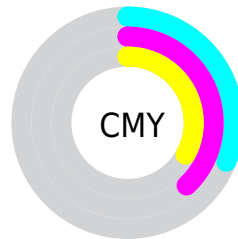


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 9.275, 334.667 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, 9.275, 334.667 by changing the saturation by 10% instead.

■ 67, 9.275, 334.667

■ 67, 9.275, 334.667

■ 100, 9.275,
334.667

■ 57, 9.275, 334.667

■ 87, 9.275, 334.667

■ 47, 9.275, 334.667

■ 97, 9.275, 334.667

■ 37, 9.275, 334.667

■ 27, 9.275, 334.667

■ 17, 9.275, 334.667

■ 7, 9.275, 334.667

■ 0, 9.275, 334.667

■ 67, 9.275, 334.667

■ 67, 9.275, 334.667

■ 62, 18.948,

■ 72, 0.279, 155.128

335.393

77, 9.624, 153.438

58, 28.606,
336.151

81, 18.715,
152.829

54, 38.035,
336.959

86, 27.533,
152.264

50, 46.934,
337.832

91, 36.074,
151.735

47, 54.913,
338.789

94, 39.388,
152.710

44, 61.521,
339.866

94, 37.448,
155.435

41, 66.326,
341.111

94, 35.579,
158.435

40, 69.043,
342.590

94, 33.798,
161.743

39, 69.987,
344.323

Harmonies

Complementary

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



67, 9.275, 334.667



70, 9.227, 153.415

Rectangle

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



67, 9.275, 334.667



67, 9.275, 24.667



67, 9.275, 154.667



67, 9.275, 204.667

Sweetspot

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



67, 9.273, 334.669



88, 3.522, 334.149



66, 9.626, 301.756



47, 2.693, 334.224



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 9.273, 334.669



83, 14.180, 334.849



67, 6.871, 2.827



34, 5.363, 334.640



33, 62.693, 344.119



2, 10.548, 337.873

Inverse Universe

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



67, 9.273, 334.669



83, 14.180, 334.849



70, 6.628, 181.195



34, 5.363, 334.640



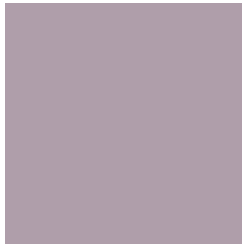
33, 62.693, 344.119



2, 10.548, 337.873

Previews

White Background



This preview shows how the CIELCh color 67, 9.275, 334.667 looks on a white background.

Color Contrast Check

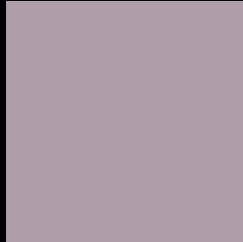
Large Text (above 18pt) WCAG AA × Fail

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, 9.275, 334.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

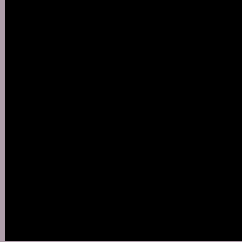
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 9.275, 334.667

Background



This preview shows how black text looks on a background with the CIELCh color 67, 9.275, 334.667.



This preview shows how white text looks on a background with the CIELCh color 67, 9.275, 334.667.

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, 9.275, 334.667

Protanopia

67, 6.101, 294.290

Deuteranopia

67, 9.544, 336.346



Tritanopia
67, 9.673, 332.378

Trichromacy



Original Color
67, 9.275, 334.667

Protanomaly
67, 6.513, 310.890

Deuteranomaly
67, 9.544, 336.346

Tritanomaly
67, 9.673, 332.378

Monochromacy



Original Color
67, 9.275, 334.667

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.189, 335.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 9.275, 334.667 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, 158, 170)` looks like.

```
.text, #text, p{  
    color:rgb(175, 158, 170)  
}
```

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, 158, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 158, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 9.275, 334.667 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, 158, 170) }
```

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

```
.border{ border-color:rgb(175, 158, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 158, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 158, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 158, 170);  
box-shadow:4px 4px 4px 4px rgb(175, 158,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 9.275, 334.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 158, 170) }
```

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

```
.background{ background-color: rgb(175,  
158, 170) }
```

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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