

Converting Colors

CIELCh(67, 8.318, 325.716)

Have a look what the booklet for
CIELCh(67, 8.318, 325.716) contains.

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Color

CIELCh(67, 8.732, 324.823)

Conversions

Conversions Part 1

Format	Color
Hex	AC9FAC
RGB	172, 159, 172
RGB Percent	67%, 62%, 67%
CMY	0.3248, 0.3758, 0.3248
CMYK	0.00, 0.08, 0.00, 0.32
HSL	300°, 7%, 65%
HSV	300°, 8%, 68%
XYZ	36.9433, 36.6320, 44.2419
YIQ	164.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

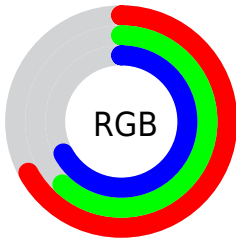
Format	Color
RYB	172, 159, 172
Decimal	11313068
CIELab	67.00, 7.14, -5.03
CIELCh	67, 8.732, 324.823
Yxy	36.6320, 0.3136, 0.3109
Android (android.graphics.Color)	4289503148 (0xFFAC9FAC)
YUV	164.3690, 3.7621, 6.6924
Hunter-Lab	60.5244, 3.0365, -0.9726

Details

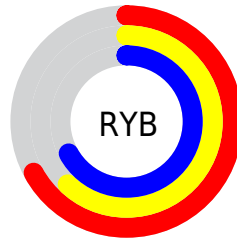
The CIELCh color $67, 8.732, 324.823$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 8.714, 144.038$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.283, 324.722$, and $47, 8.617, 324.944$ is the 20% darker color. If you saturate the color by 10%, you get $63, 20.385, 325.378$, and if you desaturate by 10%, it is $72, 2.798, 144.395$.

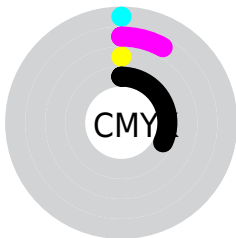
Distribution



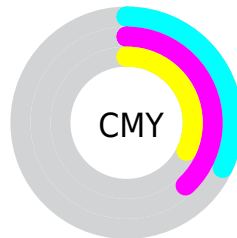
- Red (67%)
- Green (62%)
- Blue (67%)



- Red (67%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (32%)



- Cyan (32%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.732, 324.823 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, 8.732, 324.823 by changing the saturation by 10% instead.

■ 67, 8.732, 324.823

■ 67, 8.732, 324.823

■ 100, 8.732,
324.823

■ 57, 8.732, 324.823

■ 87, 8.732, 324.823

■ 47, 8.732, 324.823

■ 97, 8.732, 324.823

■ 37, 8.732, 324.823

■ 27, 8.732, 324.823

■ 17, 8.732, 324.823

■ 7, 8.732, 324.823

■ 0, 8.732, 324.823

■ 67, 8.732, 324.823

■ 67, 8.732, 324.823

■ 63, 20.385,

■ 72, 2.798, 144.395

325.378

76, 14.095,
143.804

58, 32.003,
325.914

81, 25.097,
143.290

54, 43.348,
326.426

86, 35.773,
142.802

51, 54.103,
326.900

90, 46.110,
142.341

48, 63.871,
327.320

93, 51.804,
142.093

45, 72.217,
327.670

93, 51.804,
142.093

43, 78.736,
327.938

93, 51.804,
142.093

42, 83.163,
328.116

93, 51.804,
142.093

41, 85.601,
328.214

Harmonies

Complementary

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



67, 8.732, 324.823



69, 8.714, 144.038

Rectangle

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



67, 8.732, 324.823



67, 8.732, 14.823



67, 8.732, 144.823



67, 8.732, 194.823

Sweetspot

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



67, 8.730, 324.823



88, 2.863, 324.454



66, 7.213, 290.939



47, 1.626, 324.442



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 8.730, 324.823



84, 12.920, 324.915



67, 6.144, 344.208



34, 6.590, 324.923



35, 77.960, 328.233



2, 13.856, 324.439

Inverse Universe

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



67, 8.730, 324.823



84, 12.920, 324.915



69, 6.079, 163.094



34, 6.590, 324.923



35, 77.960, 328.233



2, 13.856, 324.439

Previews

White Background



This preview shows how the CIELCh color 67, 8.732, 324.823 looks on a white background.

Color Contrast Check

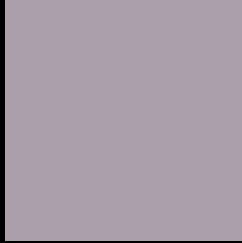
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 8.732, 324.823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

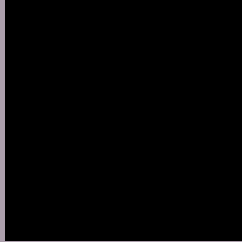
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 8.732, 324.823

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.732, 324.823.



This preview shows how white text looks on a background with the CIELCh color 67, 8.732, 324.823.

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, 8.732, 324.823

Protanopia

67, 6.653, 294.049

Deuteranopia

67, 10.086, 330.277



Tritanopia
67, 8.732, 324.823

Trichromacy



Original Color
67, 8.732, 324.823

Protanomaly
67, 6.920, 306.427

Deuteranomaly
67, 9.850, 328.548

Tritanomaly
67, 8.732, 324.823

Monochromacy



Original Color
67, 8.732, 324.823

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.366, 324.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.732, 324.823 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(172, 159, 172)` looks like.

```
.text, #text, p{  
    color:rgb(172, 159, 172)  
}
```

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(172, 159, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 159, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.732, 324.823 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(172, 159, 172) }
```

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

```
.border{ border-color:rgb(172, 159, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 159, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 159, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 159, 172);  
box-shadow:4px 4px 4px 4px rgb(172, 159,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.732, 324.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 159, 172) }
```

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

```
.background{ background-color: rgb(172,  
159, 172) }
```

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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