

Converting Colors

CIELCh(67, 6.572, 345.978)

Have a look what the booklet for
CIELCh(67, 6.572, 345.978) contains.

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Color

CIELCh(67, 6.930, 346.162)

Conversions

Conversions Part 1

Format	Color
Hex	AE9FA6
RGB	174, 159, 166
RGB Percent	68%, 62%, 65%
CMY	0.3170, 0.3758, 0.3484
CMYK	0.00, 0.09, 0.05, 0.32
HSL	332°, 8%, 65%
HSV	332°, 9%, 68%
XYZ	36.8194, 36.6320, 41.2880
YIQ	164.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

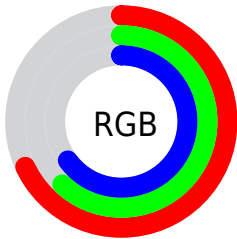
Format	Color
RYB	174, 159, 166
Decimal	11444134
CIELab	67.00, 6.73, -1.66
CIELCh	67, 6.930, 346.162
Yxy	36.6320, 0.3209, 0.3193
Android (android.graphics.Color)	4289634214 (0xFFAE9FA6)
YUV	164.2830, 0.8465, 8.5218
Hunter-Lab	60.5244, 2.6710, 1.9210

Details

The CIELCh color $67, 6.930, 346.162$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 6.836, 164.823$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 6.871, 347.703$, and $47, 6.758, 348.629$ is the 20% darker color. If you saturate the color by 10%, you get $62, 15.152, 347.130$, and if you desaturate by 10%, it is $72, 1.093, 165.729$.

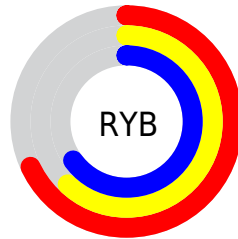
Distribution



Red (68%)

Green (62%)

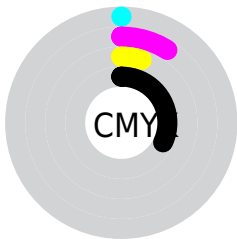
Blue (65%)



Red (68%)

Yellow (62%)

Blue (65%)

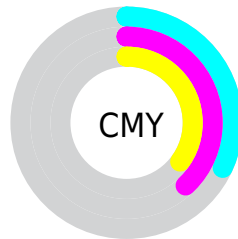


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (32%)



Cyan (32%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 6.930, 346.162 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, 6.930, 346.162 by changing the saturation by 10% instead.

■ 67, 6.930, 346.162

■ 67, 6.930, 346.162

■ 100, 6.930,
346.162

■ 57, 6.930, 346.162

■ 87, 6.930, 346.162

■ 47, 6.930, 346.162

■ 97, 6.930, 346.162

■ 37, 6.930, 346.162

■ 27, 6.930, 346.162

■ 17, 6.930, 346.162

■ 7, 6.930, 346.162

■ 0, 6.930, 346.162

■ 67, 6.930, 346.162

■ 67, 6.930, 346.162

■ 62, 15.152,

■ 72, 1.093, 165.729

347.130

77, 8.860, 164.665

58, 23.483,
348.189

82, 16.353,
163.950

53, 31.761,
349.396

87, 23.569,
163.302

49, 39.742,
350.805

92, 30.518,
162.707

46, 47.092,
352.491

94, 32.416,
165.699

43, 53.408,
354.558

94, 29.735,
173.172

40, 58.291,
357.145

95, 27.583,
181.918

38, 61.484, 0.417

95, 26.102,
191.862

37, 63.226, 4.420

Harmonies

Complementary

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



67, 6.930, 346.162



70, 6.836, 164.823

Rectangle

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



67, 6.930, 346.162



67, 6.930, 36.162



67, 6.930, 166.162



67, 6.930, 216.162

Sweetspot

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



67, 6.928, 346.168



88, 2.973, 345.591



67, 8.861, 310.579



47, 2.274, 345.690



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, 6.928, 346.168



84, 9.997, 346.315



67, 5.625, 22.629



34, 4.542, 346.233



32, 57.002, 4.392



2, 8.970, 350.599

Inverse Universe

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



67, 6.928, 346.168



84, 9.997, 346.315



70, 5.329, 202.004



34, 4.542, 346.233



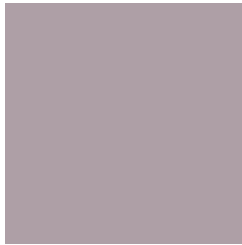
32, 57.002, 4.392



2, 8.970, 350.599

Previews

White Background



This preview shows how the CIELCh color 67, 6.930, 346.162 looks on a white background.

Color Contrast Check

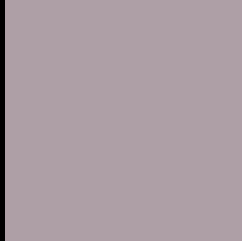
Large Text (above 18pt) WCAG AA × Fail

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, 6.930, 346.162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

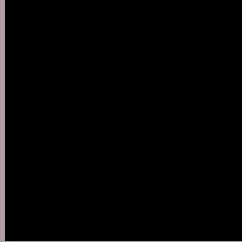
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 6.930, 346.162

Background



This preview shows how black text looks on a background with the CIELCh color 67, 6.930, 346.162.



This preview shows how white text looks on a background with the CIELCh color 67, 6.930, 346.162.

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, 6.930, 346.162

Protanopia

67, 3.522, 309.192

Deuteranopia

67, 8.525, 349.045



Tritanopia
67, 9.673, 332.378

Trichromacy



Original Color
67, 6.930, 346.162

Protanomaly
67, 4.270, 328.793

Deuteranomaly
67, 8.198, 347.600

Tritanomaly
67, 8.894, 337.163

Monochromacy



Original Color
67, 6.930, 346.162

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.836, 343.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 6.930, 346.162 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(174, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(174, 159, 166)  
}
```

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(174, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 159, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 6.930, 346.162 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(174, 159, 166) }
```

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

```
.border{ border-color:rgb(174, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(174, 159,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 6.930, 346.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 159, 166) }
```

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

```
.background{ background-color: rgb(174,  
159, 166) }
```

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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