

Converting Colors

CIELCh(67, 4.420, 341.087)

Have a look what the booklet for
CIELCh(67, 4.420, 341.087) contains.

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Color

CIELCh(67, 4.419, 341.103)

Conversions

Conversions Part 1

Format	Color
Hex	AAA1A6
RGB	170, 161, 166
RGB Percent	67%, 63%, 65%
CMY	0.3346, 0.3698, 0.3503
CMYK	0.00, 0.05, 0.02, 0.33
HSL	327°, 5%, 65%
HSV	327°, 5%, 67%
XYZ	36.0526, 36.6320, 41.0947
YIQ	164.2610, 3.7590, 3.4630

Conversions

Conversions Part 2

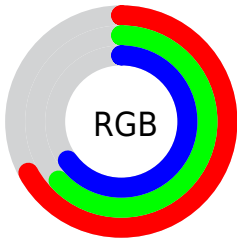
Format	Color
RYB	170, 161, 166
Decimal	11182502
CIELab	67.00, 4.18, -1.43
CIElCh	67, 4.419, 341.103
Yxy	36.6320, 0.3169, 0.3220
Android (android.graphics.Color)	4289372582 (0xFFAAA1A6)
YUV	164.2610, 0.8573, 5.0331
Hunter-Lab	60.5244, 0.4095, 2.1105

Details

The CIELCh color $67, 4.419, 341.103$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 4.385, 160.452$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 4.190, 340.985$, and $47, 4.046, 344.115$ is the 20% darker color. If you saturate the color by 10%, you get $62, 12.878, 341.977$, and if you desaturate by 10%, it is $72, 3.853, 160.528$.

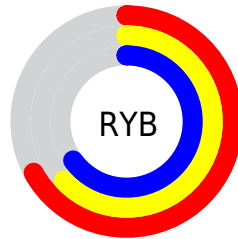
Distribution



Red (67%)

Green (63%)

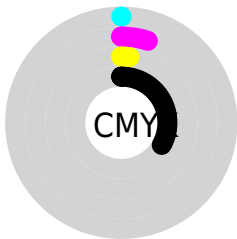
Blue (65%)



Red (67%)

Yellow (63%)

Blue (65%)

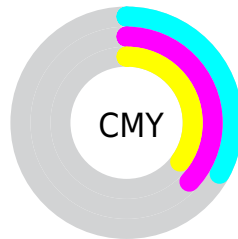


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 4.419, 341.103 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, 4.419, 341.103 by changing the saturation by 10% instead.

■ 67, 4.419, 341.103

■ 67, 4.419, 341.103

■ 100, 4.419,
341.103

■ 57, 4.419, 341.103

■ 87, 4.419, 341.103

■ 47, 4.419, 341.103

■ 97, 4.419, 341.103

■ 37, 4.419, 341.103

■ 27, 4.419, 341.103

■ 17, 4.419, 341.103

■ 7, 4.419, 341.103

■ 0, 4.419, 341.103

■ 67, 4.419, 341.103

■ 67, 4.419, 341.103

■ 62, 12.878,

■ 72, 3.853, 160.528

341.977

76, 11.885,
159.777

58, 21.439,
342.885

81, 19.656,
159.126

54, 29.952,
343.890

86, 27.164,
158.526

50, 38.189,
345.025

91, 34.415,
157.969

46, 45.836,
346.337

94, 37.175,
159.598

43, 52.495,
347.892

94, 34.642,
164.395

40, 57.743,
349.786

94, 32.342,
169.878

38, 61.232,
352.141

94, 30.336,
176.114

37, 62.867,
355.090

Harmonies

Complementary

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



67, 4.419, 341.103



69, 4.385, 160.452

Rectangle

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



67, 4.419, 341.103



67, 4.419, 31.103



67, 4.419, 161.103



67, 4.419, 211.103

Sweetspot

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



67, 4.417, 341.110



87, 2.069, 340.734



67, 5.209, 306.936



47, 1.186, 340.714



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, 4.417, 341.110



85, 6.224, 341.184



67, 3.472, 14.131



34, 3.283, 341.218



32, 57.378, 356.148



2, 8.066, 344.736

Inverse Universe

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



67, 4.417, 341.110



85, 6.224, 341.184



69, 3.372, 193.649



34, 3.283, 341.218



32, 57.378, 356.148



2, 8.066, 344.736

Previews

White Background



This preview shows how the CIELCh color 67, 4.419, 341.103 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, 4.419, 341.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

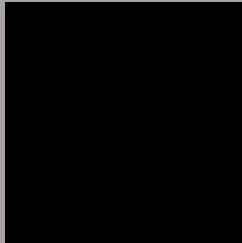
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

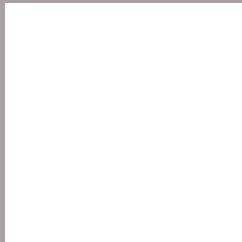
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 4.419, 341.103

Background



This preview shows how black text looks on a background with the CIELCh color 67, 4.419, 341.103.



This preview shows how white text looks on a background with the CIELCh color 67, 4.419, 341.103.

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, 4.419, 341.103

Protanopia

67, 3.005, 312.561

Deuteranopia

67, 8.525, 349.045



Tritanopia
67, 7.852, 322.493

Trichromacy



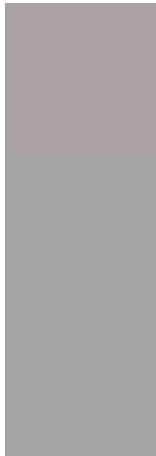
Original Color
67, 4.419, 341.103

Protanomaly
67, 3.369, 324.536

Deuteranomaly
67, 6.930, 346.162

Tritanomaly
67, 6.945, 327.325

Monochromacy



Original Color
67, 4.419, 341.103

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.600, 335.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 4.419, 341.103 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(170, 161, 166)` looks like.

```
.text, #text, p{  
    color:rgb(170, 161, 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(170, 161, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 161, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 4.419, 341.103 is called "border". The border property can be set on classes, ids or directly on the HTML element.

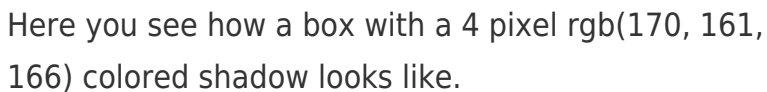
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 161, 166) }
```

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

```
.border{ border-color:rgb(170, 161, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 161, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 161, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 161, 166); box-shadow:4px 4px 4px 4px rgb(170, 161, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 4.419, 341.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 161, 166) }
```

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

```
.background{ background-color: rgb(170,  
161, 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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