

Converting Colors

CIELCh(69, 4.931, 344.039)

Have a look what the booklet for
CIELCh(69, 4.931, 344.039) contains.

CIELCh(69, 4.697, 344.033)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 4.697, 344.033)

Conversions

Conversions Part 1

Format	Color
Hex	B0A6AB
RGB	176, 166, 171
RGB Percent	69%, 65%, 67%
CMY	0.3106, 0.3497, 0.3302
CMYK	0.00, 0.06, 0.03, 0.31
HSL	330°, 6%, 67%
HSV	330°, 6%, 69%
XYZ	38.7955, 39.3444, 43.9824
YIQ	169.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

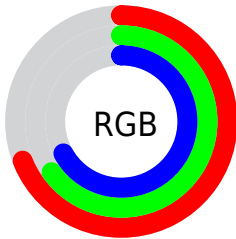
Format	Color
RYB	176, 166, 171
Decimal	11577003
CIELab	69.00, 4.52, -1.29
CIELCh	69, 4.697, 344.033
Yxy	39.3444, 0.3177, 0.3222
Android (android.graphics.Color)	4289767083 (0xFFB0A6AB)
YUV	169.5600, 0.7099, 5.6479
Hunter-Lab	62.7251, 0.6335, 2.3338

Details

The CIELCh color $69, 4.697, 344.033$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 4.652, 163.277$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 4.755, 346.482$, and $49, 5.020, 344.234$ is the 20% darker color. If you saturate the color by 10%, you get $64, 13.102, 344.964$, and if you desaturate by 10%, it is $74, 3.501, 163.433$.

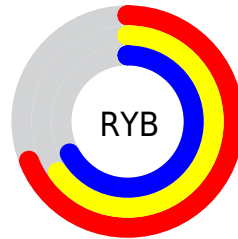
Distribution



Red (69%)

Green (65%)

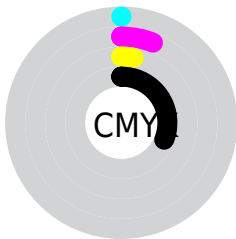
Blue (67%)



Red (69%)

Yellow (65%)

Blue (67%)

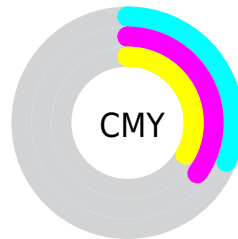


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 4.697, 344.033 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 69, 4.697, 344.033 by changing the saturation by 10% instead.

■ 69, 4.697, 344.033

■ 69, 4.697, 344.033

■ 100, 4.697,
344.033

■ 59, 4.697, 344.033

■ 89, 4.697, 344.033

■ 49, 4.697, 344.033

■ 99, 4.697, 344.033

■ 39, 4.697, 344.033

■ 29, 4.697, 344.033

■ 19, 4.697, 344.033

■ 9, 4.697, 344.033

■ 0, 4.697, 344.033

■ 69, 4.697, 344.033

■ 69, 4.697, 344.033

■ 64, 13.102,

■ 74, 3.501, 163.433

344.964

79, 11.440,
162.635

60, 21.634,
345.948

84, 19.106,
161.956

55, 30.143,
347.053

89, 26.497,
161.334

51, 38.401,
348.323

94, 33.623,
160.760

47, 46.090,
349.818

94, 31.484,
166.519

44, 52.810,
351.623

95, 28.995,
173.844

41, 58.134,
353.857

95, 27.001,
182.354

39, 61.731,
356.668

95, 25.627,
191.963

38, 63.552, 0.202

Harmonies

Complementary

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



69, 4.697, 344.033



71, 4.652, 163.277

Rectangle

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



69, 4.697, 344.033



69, 4.697, 34.033



69, 4.697, 164.033



69, 4.697, 214.033

Sweetspot

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



69, 4.695, 344.041



90, 2.046, 343.602



69, 5.831, 309.297



48, 1.162, 343.580



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 4.695, 344.041



87, 7.192, 344.177



69, 3.823, 19.617



35, 3.706, 344.206



32, 57.247, 1.262



2, 9.136, 348.811

Inverse Universe

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



69, 4.695, 344.041



87, 7.192, 344.177



71, 3.691, 199.232



35, 3.706, 344.206



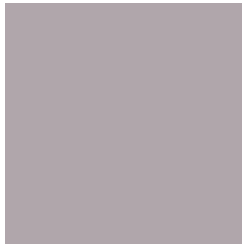
32, 57.247, 1.262



2, 9.136, 348.811

Previews

White Background



This preview shows how the CIELCh color 69, 4.697, 344.033 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 69, 4.697, 344.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

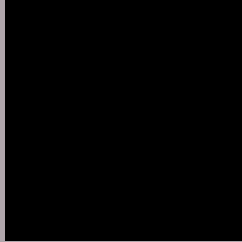
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

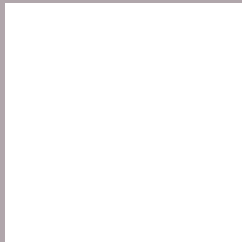
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 4.697, 344.033

Background



This preview shows how black text looks on a background with the CIELCh color 69, 4.697, 344.033.



This preview shows how white text looks on a background with the CIELCh color 69, 4.697, 344.033.

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

69, 4.697, 344.033

Protanopia

69, 2.336, 309.123

Deuteranopia

69, 8.808, 350.359



Tritanopia
69, 8.471, 322.692

Trichromacy



Original Color
69, 4.697, 344.033

Protanomaly
69, 3.351, 324.530

Deuteranomaly
69, 7.212, 347.881

Tritanomaly
69, 7.140, 329.756

Monochromacy



Original Color
69, 4.697, 344.033

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 1.591, 335.591

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 4.697, 344.033 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(176, 166, 171)` looks like.

```
.text, #text, p{  
    color:rgb(176, 166, 171)  
}
```

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(176, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 166, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 4.697, 344.033 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(176, 166, 171) }
```

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

```
.border{ border-color:rgb(176, 166, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(176, 166,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 4.697, 344.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 166, 171) }
```

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

```
.background{ background-color: rgb(176,  
166, 171) }
```

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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