

Converting Colors

CIELCh(67, 10.021, 338.697)

Have a look what the booklet for
CIELCh(67, 10.021, 338.697)
contains.

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Color

CIELCh(67, 9.820, 337.936)

Conversions

Conversions Part 1

Format	Color
Hex	B19EAA
RGB	177, 158, 170
RGB Percent	69%, 62%, 67%
CMY	0.3065, 0.3809, 0.3339
CMYK	0.00, 0.11, 0.04, 0.31
HSL	322°, 11%, 66%
HSV	322°, 11%, 69%
XYZ	37.5429, 36.6320, 43.0506
YIQ	165.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

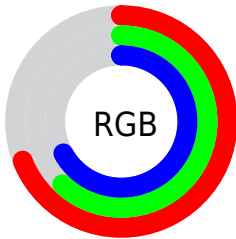
Format	Color
RYB	177, 158, 170
Decimal	11640490
CIELab	67.00, 9.10, -3.69
CIElCh	67, 9.820, 337.936
Yxy	36.6320, 0.3203, 0.3125
Android (android.graphics.Color)	4289830570 (0xFFB19EAA)
YUV	165.0490, 2.4408, 10.4810
Hunter-Lab	60.5244, 4.8048, 0.1944

Details

The CIELCh color $67, 9.820, 337.936$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 9.744, 156.429$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 9.585, 339.239$, and $47, 9.499, 337.439$ is the 20% darker color. If you saturate the color by 10%, you get $62, 19.090, 338.737$, and if you desaturate by 10%, it is $72, 0.675, 336.759$.

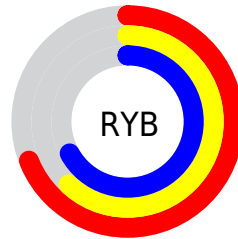
Distribution



Red (69%)

Green (62%)

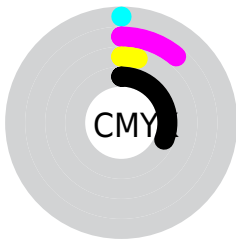
Blue (67%)



Red (69%)

Yellow (62%)

Blue (67%)

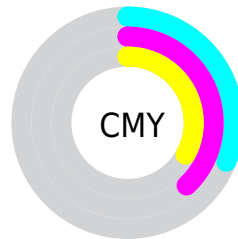


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 9.820, 337.936 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, 9.820, 337.936 by changing the saturation by 10% instead.

■ 67, 9.820, 337.936

■ 67, 9.820, 337.936

■ 100, 9.820,
337.936

■ 57, 9.820, 337.936

■ 87, 9.820, 337.936

■ 47, 9.820, 337.936

■ 97, 9.820, 337.936

■ 37, 9.820, 337.936

■ 27, 9.820, 337.936

■ 17, 9.820, 337.936

■ 7, 9.820, 337.936

■ 0, 9.820, 337.936

■ 67, 9.820, 337.936

■ 67, 9.820, 337.936

■ 62, 19.090,

■ 72, 0.675, 336.759

338.737

77, 8.257, 156.611

58, 28.354,
339.593

82, 16.935,
155.959

54, 37.400,
340.529

87, 25.341,
155.362

50, 45.926,
341.573

92, 33.474,
154.805

46, 53.540,
342.762

94, 36.161,
156.412

43, 59.791,
344.155

94, 33.853,
160.456

41, 64.254,
345.830

94, 31.705,
165.043

40, 66.670,
347.888

95, 29.754,
170.238

39, 67.463,
350.141

Harmonies

Complementary

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



67, 9.820, 337.936



70, 9.744, 156.429

Rectangle

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



67, 9.820, 337.936



67, 9.820, 27.936



67, 9.820, 157.936



67, 9.820, 207.936

Sweetspot

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



67, 9.818, 337.939



89, 3.369, 337.291



66, 10.881, 304.844



47, 2.552, 337.372



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, 9.818, 337.939



83, 14.719, 338.134



67, 7.494, 9.342



35, 5.210, 337.828



33, 60.761, 349.800



2, 11.564, 342.518

Inverse Universe

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



67, 9.818, 337.939



83, 14.719, 338.134



71, 7.127, 187.657



35, 5.210, 337.828



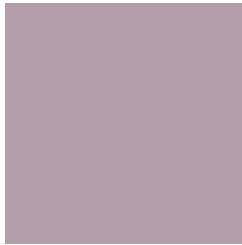
33, 60.761, 349.800



2, 11.564, 342.518

Previews

White Background



This preview shows how the CIELCh color 67, 9.820, 337.936 looks on a white background.

Color Contrast Check

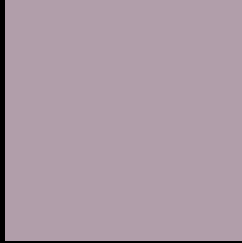
Large Text (above 18pt) WCAG AA × Fail

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, 9.820, 337.936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

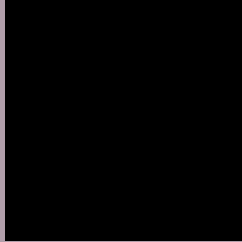
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

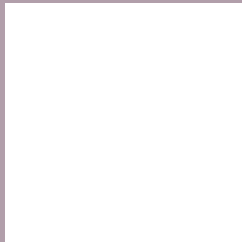
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 9.820, 337.936

Background



This preview shows how black text looks on a background with the CIELCh color 67, 9.820, 337.936.



This preview shows how white text looks on a background with the CIELCh color 67, 9.820, 337.936.

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, 9.820, 337.936

Protanopia

67, 5.550, 294.590

Deuteranopia

67, 9.544, 336.346



Tritanopia
67, 9.820, 337.936

Trichromacy



Original Color
67, 9.820, 337.936

Protanomaly
67, 6.820, 316.832

Deuteranomaly
67, 9.544, 336.346

Tritanomaly
67, 9.820, 337.936

Monochromacy



Original Color
67, 9.820, 337.936

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 3.852, 333.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 9.820, 337.936 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(177, 158, 170)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 158, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 158, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 9.820, 337.936 is called "border". The border property can be set on classes, ids or directly on the HTML element.

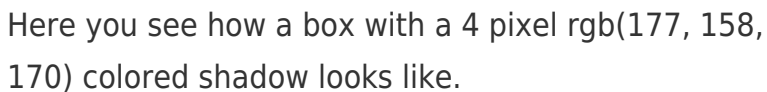
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 158, 170) }
```

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

```
.border{ border-color:rgb(177, 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(177, 158, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 158, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 158, 170);  
box-shadow:4px 4px 4px 4px rgb(177, 158,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 9.820, 337.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 158, 170) }
```

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

```
.background{ background-color: rgb(177,  
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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