

Converting Colors

CIELCh(67, 7.151, 37.195)

Have a look what the booklet for
CIELCh(67, 7.151, 37.195) contains.

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Color

CIELCh(67, 7.235, 33.111)

Conversions

Conversions Part 1

Format	Color
Hex	B19F9C
RGB	177, 159, 156
RGB Percent	69%, 62%, 61%
CMY	0.3052, 0.3758, 0.3875
CMYK	0.00, 0.10, 0.12, 0.31
HSL	9°, 12%, 65%
HSV	9°, 12%, 69%
XYZ	36.6171, 36.6320, 36.6717
YIQ	164.0400, 11.6910, 2.8830

Conversions

Conversions Part 2

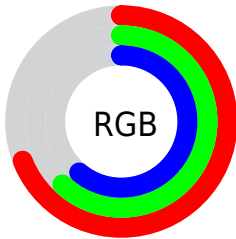
Format	Color
RYB	177, 160, 156
Decimal	11640732
CIELab	67.00, 6.06, 3.95
CIELCh	67, 7.235, 33.111
Yxy	36.6320, 0.3331, 0.3333
Android (android.graphics.Color)	4289830812 (0xFFB19F9C)
YUV	164.0400, -3.9637, 11.3659
Hunter-Lab	60.5244, 2.0744, 6.4432

Details

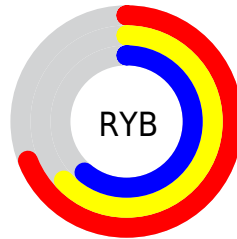
The CIELCh color $67, 7.235, 33.111$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 6.703, 213.201$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 7.311, 36.351$, and $47, 6.996, 34.713$ is the 20% darker color. If you saturate the color by 10%, you get $63, 13.899, 33.381$, and if you desaturate by 10%, it is $71, 1.086, 32.636$.

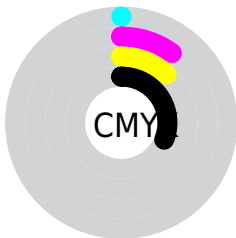
Distribution



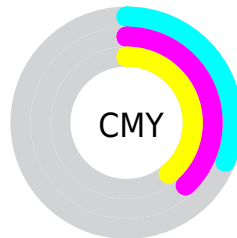
- Red (69%)
- Green (62%)
- Blue (61%)



- Red (69%)
- Yellow (63%)
- Blue (61%)



- Cyan (0%)
- Magenta (10%)
- Yellow (12%)
- Black (31%)



- Cyan (31%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 7.235, 33.111 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, 7.235, 33.111 by changing the saturation by 10% instead.

 67, 7.235, 33.111  67, 7.235, 33.111

 100, 7.235, 33.111  57, 7.235, 33.111

 87, 7.235, 33.111  47, 7.235, 33.111

 97, 7.235, 33.111  37, 7.235, 33.111

 27, 7.235, 33.111

 17, 7.235, 33.111

 7, 7.235, 33.111

 0, 7.235, 33.111

 67, 7.235, 33.111  67, 7.235, 33.111

 63, 13.899, 33.381  71, 1.086, 32.636

58, 21.113, 33.781

76, 4.591, 213.213

54, 28.889, 34.386

80, 9.844, 213.225

51, 37.198, 35.251

85, 14.723,
213.331

47, 45.955, 36.420

90, 19.272,
213.484

44, 54.969, 37.894

41, 63.854, 39.558

94, 23.307,
204.015

39, 71.765, 41.005

95, 24.780,
197.889

38, 77.076, 42.057

Harmonies

Complementary

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



67, 7.235, 33.111



70, 6.703, 213.201

Rectangle

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



67, 7.235, 33.111



67, 7.235, 83.111



67, 7.235, 213.111



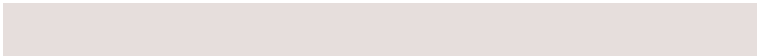
67, 7.235, 263.111

Sweetspot

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



67, 7.234, 33.127



89, 2.918, 32.904



67, 12.832, 328.978



47, 2.078, 32.941



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, 7.234, 33.127



83, 10.647, 33.179



70, 7.850, 86.861



35, 3.441, 33.072



33, 68.691, 42.050



3, 8.257, 29.662

Inverse Universe

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



70, 6.703, 213.201



88, 9.705, 213.214



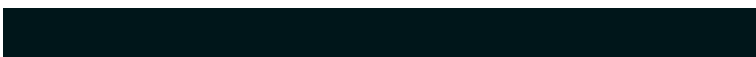
67, 7.803, 269.976



37, 3.244, 213.201



50, 29.829, 222.715



6, 7.710, 220.160

Previews

White Background



This preview shows how the CIELCh color 67, 7.235, 33.111 looks on a white background.

Color Contrast Check

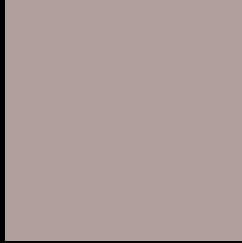
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 67, 7.235, 33.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

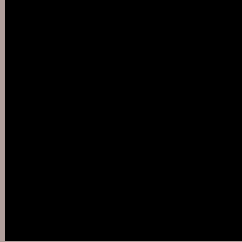
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 7.235, 33.111

Background



This preview shows how black text looks on a background with the CIELCh color 67, 7.235, 33.111.



This preview shows how white text looks on a background with the CIELCh color 67, 7.235, 33.111.

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, 7.235, 33.111

Protanopia

67, 2.912, 68.455

Deuteranopia

67, 9.104, 27.081



Tritanopia
67, 10.703, 342.230

Trichromacy



Original Color
67, 7.235, 33.111

Protanomaly
67, 4.452, 49.213

Deuteranomaly
67, 8.706, 27.364

Tritanomaly
67, 8.387, 356.976

Monochromacy



Original Color
67, 7.235, 33.111

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.737, 31.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 7.235, 33.111 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, 159, 156)` looks like.

```
.text, #text, p{  
    color:rgb(177, 159, 156)  
}
```

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, 159, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 159, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 7.235, 33.111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

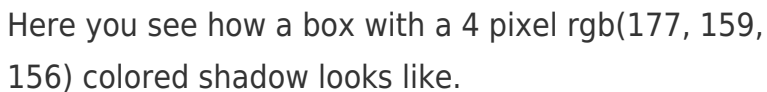
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 159, 156) }
```

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

```
.border{ border-color:rgb(177, 159, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 159, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 159, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 159, 156); box-shadow:4px 4px 4px 4px rgb(177, 159, 156) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 7.235, 33.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 159, 156) }
```

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

```
.background{ background-color: rgb(177,  
159, 156) }
```

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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