

Converting Colors

CIELCh(67, 11.159, 337.499)

Have a look what the booklet for
CIELCh(67, 11.159, 337.499)
contains.

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Color

CIELCh(67, 11.400, 337.842)

Conversions

Conversions Part 1

Format	Color
Hex	B39DAB
RGB	179, 157, 171
RGB Percent	70%, 62%, 67%
CMY	0.2981, 0.3843, 0.3295
CMYK	0.00, 0.12, 0.04, 0.30
HSL	322°, 13%, 66%
HSV	322°, 12%, 70%
XYZ	37.9920, 36.6320, 43.5903
YIQ	165.1740, 8.6180, 9.0180

Conversions

Conversions Part 2

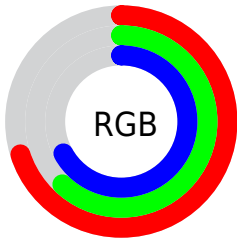
Format	Color
RYB	179, 157, 171
Decimal	11771307
CIELab	67.00, 10.56, -4.30
CIELCh	67, 11.400, 337.842
Yxy	36.6320, 0.3214, 0.3099
Android (android.graphics.Color)	4289961387 (0xFFB39DAB)
YUV	165.1740, 2.8722, 12.1254
Hunter-Lab	60.5244, 6.1295, -0.3343

Details

The CIELCh color $67, 11.400, 337.842$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 11.305, 156.092$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 11.086, 338.930$, and $47, 11.183, 337.472$ is the 20% darker color. If you saturate the color by 10%, you get $62, 20.800, 338.645$, and if you desaturate by 10%, it is $72, 2.107, 336.986$.

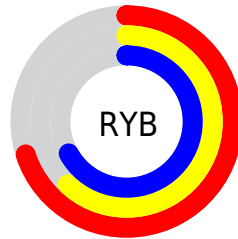
Distribution



Red (70%)

Green (62%)

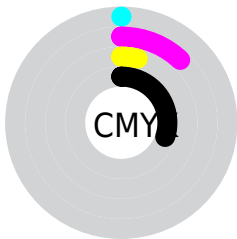
Blue (67%)



Red (70%)

Yellow (62%)

Blue (67%)

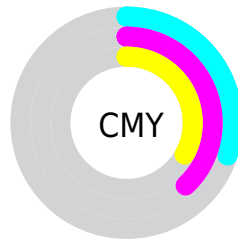


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (30%)



Cyan (30%)


Magenta (38%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 11.400, 337.842 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, 11.400, 337.842 by changing the saturation by 10% instead.


 67, 11.400,
337.842


 67, 11.400,
337.842


 100, 11.400,
337.842


 57, 11.400,
337.842


 87, 11.400,
337.842

 47, 11.400,
337.842

 97, 11.400,
337.842

 37, 11.400,
337.842

 27, 11.400,
337.842

 17, 11.400,
337.842

 7, 11.400, 337.842

 0, 11.400, 337.842

67, 11.400,
337.842

67, 11.400,
337.842

62, 20.800,
338.645

72, 2.107, 336.986

58, 30.164,
339.506

77, 6.981, 156.509

54, 39.263,
340.450

82, 15.817,
155.847

50, 47.775,
341.503

87, 24.380,
155.244

46, 55.291,
342.705

92, 32.667,
154.683

43, 61.351,
344.117

94, 35.252,
156.402

41, 65.541,
345.819


94, 32.951,
160.553

40, 67.640,

94, 30.814,
165.275

347.913

 95, 28.884,
170.637

 39, 68.224,
349.776

Harmonies

Complementary

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



67, 11.400, 337.842



71, 11.305, 156.092

Rectangle

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



67, 11.400, 337.842



67, 11.400, 27.842



67, 11.400, 157.842



67, 11.400, 207.842

Sweetspot

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



67, 11.398, 337.844



90, 4.550, 337.180



66, 12.574, 304.337



48, 3.262, 337.248



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 11.398, 337.844



83, 17.220, 338.077



67, 8.734, 8.199



35, 5.228, 337.612



33, 60.913, 349.415



2, 11.606, 342.254

Inverse Universe

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



67, 11.398, 337.844



83, 17.220, 338.077



71, 8.264, 186.168



35, 5.228, 337.612



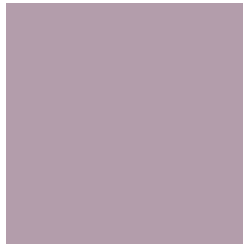
33, 60.913, 349.415



2, 11.606, 342.254

Previews

White Background



This preview shows how the CIELCh color 67, 11.400, 337.842 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, 11.400, 337.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

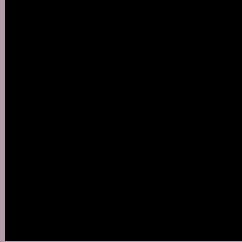
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 11.400, 337.842

Background



This preview shows how black text looks on a background with the CIELCh color 67, 11.400, 337.842.



This preview shows how white text looks on a background with the CIELCh color 67, 11.400, 337.842.

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, 11.400, 337.842

Protanopia

67, 6.653, 294.049

Deuteranopia

67, 9.929, 334.048



Tritanopia
67, 11.043, 339.965

Trichromacy



Original Color
67, 11.400, 337.842

Protanomaly
67, 7.976, 315.777

Deuteranomaly
67, 10.194, 335.638

Tritanomaly
67, 11.043, 339.965

Monochromacy



Original Color
67, 11.400, 337.842

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 4.125, 337.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 11.400, 337.842 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(179, 157, 171)` looks like.

```
.text, #text, p{  
    color:rgb(179, 157, 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(179, 157, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 157, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 11.400, 337.842 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(179, 157, 171) }
```

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

```
.border{ border-color:rgb(179, 157, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 157, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 157, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 157, 171);  
box-shadow:4px 4px 4px 4px rgb(179, 157,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 11.400, 337.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 157, 171) }
```

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

```
.background{ background-color: rgb(179,  
157, 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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