

Converting Colors

CIELCh(67, 19.176, 327.696)

Have a look what the booklet for
CIELCh(67, 19.176, 327.696)
contains.

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Color

CIELCh(67, 19.099, 327.187)

Conversions

Conversions Part 1

Format	Color
Hex	B89AB6
RGB	184, 154, 182
RGB Percent	72%, 60%, 71%
CMY	0.2788, 0.3964, 0.2866
CMYK	0.00, 0.16, 0.01, 0.28
HSL	304°, 17%, 66%
HSV	304°, 16%, 72%
XYZ	39.7175, 36.6320, 49.1810
YIQ	166.1620, 8.8920, 15.0680

Conversions

Conversions Part 2

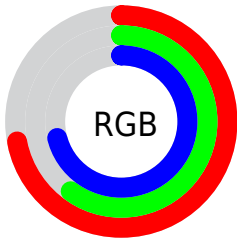
Format	Color
RYB	184, 154, 182
Decimal	12098230
CIELab	67.00, 16.05, -10.35
CIElCh	67, 19.099, 327.187
Yxy	36.6320, 0.3164, 0.2918
Android (android.graphics.Color)	4290288310 (0xFFB89AB6)
YUV	166.1620, 7.8081, 15.6439
Hunter-Lab	60.5244, 11.2183, -5.8110

Details

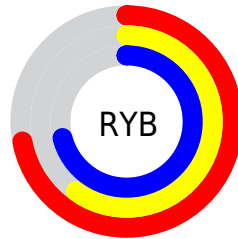
The CIELCh color $67, 19.099, 327.187$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $72, 19.071, 145.269$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 19.417, 326.907$, and $47, 18.930, 327.585$ is the 20% darker color. If you saturate the color by 10%, you get $62, 30.837, 327.758$, and if you desaturate by 10%, it is $72, 7.350, 326.602$.

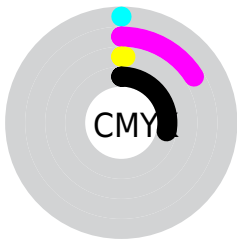
Distribution



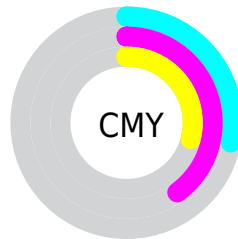
- Red (72%)
- Green (60%)
- Blue (71%)



- Red (72%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (1%)
- Black (28%)





- Cyan (28%)
- Magenta (40%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 19.099, 327.187 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, 19.099, 327.187 by changing the saturation by 10% instead.


 67, 19.099,
327.187


 67, 19.099,
327.187


 100, 19.099,
327.187


 57, 19.099,
327.187


 87, 19.099,
327.187

 47, 19.099,
327.187

 97, 19.099,
327.187

 37, 19.099,
327.187

 27, 19.099,
327.187

 17, 19.099,
327.187

 7, 19.099, 327.187

 0, 19.099, 327.187

67, 19.099,
327.187

67, 19.099,
327.187

62, 30.837,
327.758

72, 7.350, 326.602

58, 42.339,
328.317

77, 4.248, 146.144

54, 53.284,
328.856

81, 15.599,
145.563

51, 63.266,
329.363

86, 26.647,
145.039

48, 71.821,
329.830

92, 37.366,
144.543

46, 78.498,
330.249

94, 42.311,
144.553


44, 82.977,
330.621


94, 41.804,
145.050

43, 85.233,

94, 41.299,
145.559

330.956

 94, 40.796,
146.079

 43, 85.804,
331.075

Harmonies

Complementary

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



67, 19.099, 327.187



72, 19.071, 145.269

Rectangle

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



67, 19.099, 327.187



67, 19.099, 17.187



67, 19.099, 147.187



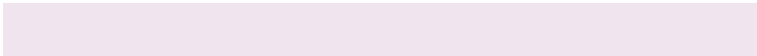
67, 19.099, 197.187

Sweetspot

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



67, 19.097, 327.187



92, 7.219, 326.525



65, 16.739, 293.757



48, 4.924, 326.570



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 19.097, 327.187



83, 29.074, 327.418



67, 13.704, 347.873



36, 6.603, 326.784



36, 75.871, 331.036



3, 17.589, 327.405

Inverse Universe

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



67, 19.097, 327.187



83, 29.074, 327.418



72, 13.358, 165.021



36, 6.603, 326.784



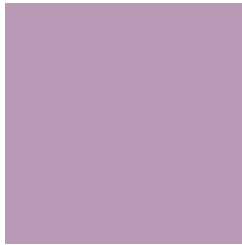
36, 75.871, 331.036



3, 17.589, 327.405

Previews

White Background



This preview shows how the CIELCh color 67, 19.099, 327.187 looks on a white background.

Color Contrast Check

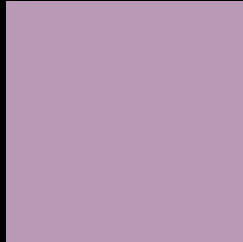
Large Text (above 18pt) WCAG AA × Fail

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, 19.099, 327.187 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, 19.099, 327.187

Background



This preview shows how black text looks on a background with the CIELCh color 67, 19.099, 327.187.



This preview shows how white text looks on a background with the CIELCh color 67, 19.099, 327.187.

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, 19.099, 327.187

Protanopia

67, 13.837, 287.189

Deuteranopia

67, 12.999, 311.154



Tritanopia
67, 11.959, 346.999

Trichromacy



Original Color
67, 19.099, 327.187

Protanomaly
67, 14.807, 304.308

Deuteranomaly
67, 15.076, 319.126

Tritanomaly
67, 14.549, 337.786

Monochromacy



Original Color
67, 19.099, 327.187

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.930, 327.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 19.099, 327.187 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(184, 154, 182)` looks like.

```
.text, #text, p{  
    color:rgb(184, 154, 182)  
}
```

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(184, 154, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 154, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 19.099, 327.187 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(184, 154, 182) }
```

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

```
.border{ border-color:rgb(184, 154, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 154, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 154, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 154, 182);  
box-shadow:4px 4px 4px 4px rgb(184, 154,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 19.099, 327.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 154, 182) }
```

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

```
.background{ background-color: rgb(184,  
154, 182) }
```

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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