

Converting Colors

CIELCh(67, 43.310, 307.674)

Have a look what the booklet for
CIELCh(67, 43.310, 307.674)
contains.

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Color

CIELCh(67, 43.396, 307.716)

Conversions

Conversions Part 1

Format	Color
Hex	B495E1
RGB	180, 149, 225
RGB Percent	71%, 58%, 88%
CMY	0.2941, 0.4157, 0.1177
CMYK	0.20, 0.34, 0.00, 0.12
HSL	264°, 56%, 73%
HSV	264°, 34%, 88%
XYZ	43.1579, 36.6320, 76.0266
YIQ	166.9330, -5.9200, 30.2080

Conversions

Conversions Part 2

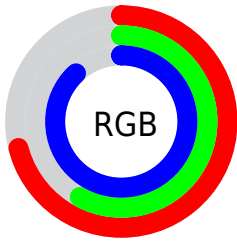
Format	Color
R _Y B	180, 149, 225
Decimal	11834849
CIE _{Lab}	67.00, 26.55, -34.33
CIE _{LCh}	67, 43.396, 307.716
Y _{xy}	36.6320, 0.2770, 0.2351
Android (android.graphics.Color)	4290024929 (0xFFB495E1)
YUV	166.9330, 28.6270, 11.4598
Hunter-Lab	60.5244, 21.3647, -32.1091

Details

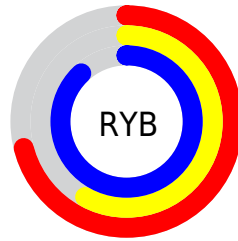
The CIELCh color $67, 43.396, 307.716$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $86, 40.935, 124.084$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 29.795, 315.126$, and $47, 43.107, 307.785$ is the 20% darker color. If you saturate the color by 10%, you get $60, 56.918, 308.390$, and if you desaturate by 10%, it is $74, 30.112, 307.078$.

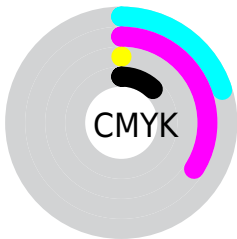
Distribution



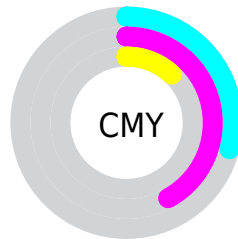
- Red (71%)
- Green (58%)
- Blue (88%)



- Red (71%)
- Yellow (58%)
- Blue (88%)



- Cyan (20%)
- Magenta (34%)
- Yellow (0%)
- Black (12%)





- Cyan (29%)
- Magenta (42%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 43.396, 307.716 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, 43.396, 307.716 by changing the saturation by 10% instead.


 67, 43.396,
307.716


 67, 43.396,
307.716


 100, 43.396,
307.716


 57, 43.396,
307.716


 87, 43.396,
307.716

 47, 43.396,
307.716

 97, 43.396,
307.716

 37, 43.396,
307.716

 27, 43.396,
307.716

 17, 43.396,
307.716

 7, 43.396, 307.716

 0, 43.396, 307.716

67, 43.396,
307.716

67, 43.396,
307.716

60, 56.918,
308.390

74, 30.112,
307.078

54, 70.467,
309.068

80, 17.179,
306.491

48, 83.642,
309.693

87, 4.640, 305.951

43, 95.780,
310.175

94, 7.491, 125.518

38, 105.916,
310.383

99, 15.521,
120.338

35, 112.974,
310.174

99, 15.180,
109.030

33, 115.927,
309.872

Harmonies

Complementary

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



67, 43.396, 307.716



86, 40.935, 124.084

Rectangle

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



67, 43.396, 307.716



67, 43.396, 357.716



67, 43.396, 127.716



67, 43.396, 177.716

Sweetspot

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



67, 43.394, 307.716



93, 13.721, 306.288



76, 21.427, 248.786



48, 9.382, 306.365



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 43.394, 307.716



70, 58.846, 308.220



71, 47.431, 323.337



44, 7.017, 306.254



25, 96.281, 310.047



3, 32.856, 306.861

Inverse Universe

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



70, 36.905, 341.876



75, 49.368, 342.665



84, 47.134, 139.611



44, 6.121, 339.685



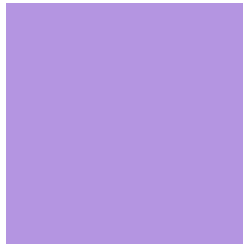
38, 65.974, 353.455



7, 27.577, 348.123

Previews

White Background



This preview shows how the CIELCh color 67, 43.396, 307.716 looks on a white background.

Color Contrast Check

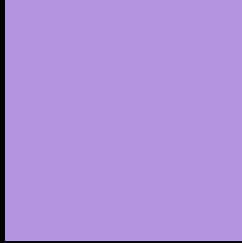
Large Text (above 18pt) WCAG AA × Fail

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, 43.396, 307.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

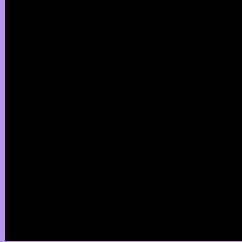
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 43.396, 307.716

Background



This preview shows how black text looks on a background with the CIELCh color 67, 43.396, 307.716.



This preview shows how white text looks on a background with the CIELCh color 67, 43.396, 307.716.

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, 43.396, 307.716

Protanopia

67, 40.518, 285.306

Deuteranopia

67, 34.426, 285.291



Tritanopia
67, 7.852, 322.493

Trichromacy



Original Color
67, 43.396, 307.716

Protanomaly
67, 40.889, 293.364

Deuteranomaly
67, 37.068, 294.359

Tritanomaly
67, 20.513, 310.395

Monochromacy



Original Color
67, 43.396, 307.716

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 16.127, 307.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 43.396, 307.716 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(180, 149, 225)` looks like.

```
.text, #text, p{  
    color:rgb(180, 149, 225)  
}
```

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(180, 149, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 149, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 43.396, 307.716 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(180, 149, 225) }
```

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

```
.border{ border-color:rgb(180, 149, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 149, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 149, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 149, 225);  
box-shadow:4px 4px 4px 4px rgb(180, 149,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 43.396, 307.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 149, 225) }
```

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

```
.background{ background-color: rgb(180,  
149, 225) }
```

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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