

Converting Colors

CIELCh(67, 24.148, 315.102)

Have a look what the booklet for
CIELCh(67, 24.148, 315.102)
contains.

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Color

CIELCh(67, 24.105, 314.997)

Conversions

Conversions Part 1

Format	Color
Hex	B49AC2
RGB	180, 154, 194
RGB Percent	71%, 60%, 76%
CMY	0.2947, 0.3967, 0.2398
CMYK	0.07, 0.21, 0.00, 0.24
HSL	279°, 25%, 68%
HSV	279°, 21%, 76%
XYZ	40.0346, 36.6320, 55.9041
YIQ	166.3340, 2.6560, 17.9520

Conversions

Conversions Part 2

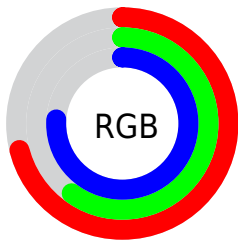
Format	Color
R_{YB}	180, 154, 194
Decimal	11836098
CIE Lab	67.00, 17.04, -17.05
CIE LCh	67, 24.105, 314.997
Yxy	36.6320, 0.3020, 0.2763
Android (android.graphics.Color)	4290026178 (0xFFB49AC2)
YUV	166.3340, 13.6393, 11.9851
Hunter-Lab	60.5244, 12.1536, -12.3970

Details

The CIELCh color `67, 24.105, 314.997` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `76, 23.661, 133.220`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 24.616, 314.891`, and `47, 23.781, 315.182` is the 20% darker color. If you saturate the color by 10%, you get `62, 36.080, 315.442`, and if you desaturate by 10%, it is `72, 12.289, 314.556`.

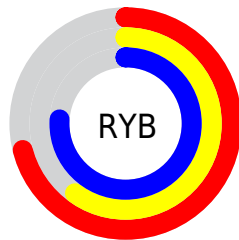
Distribution



Red (71%)

Green (60%)

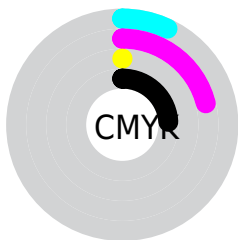
Blue (76%)



Red (71%)

Yellow (60%)

Blue (76%)

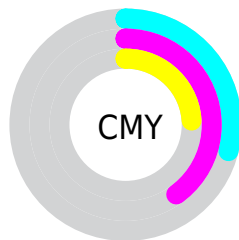


Cyan (7%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (40%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 24.105, 314.997 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, 24.105, 314.997 by changing the saturation by 10% instead.

 67, 24.105,
314.997


 67, 24.105,
314.997

 100, 24.105,
314.997


 57, 24.105,
314.997

 87, 24.105,
314.997

 47, 24.105,
314.997

 97, 24.105,
314.997

 37, 24.105,
314.997

 27, 24.105,
314.997

 17, 24.105,
314.997

 7, 24.105, 314.997

 0, 24.105, 314.997

67, 24.105,
314.997

67, 24.105,
314.997

62, 36.080,
315.442

72, 12.289,
314.556

56, 48.068,
315.876

78, 0.728, 313.933

51, 59.817,
316.268

84, 10.534,
133.786

47, 70.952,
316.577

89, 21.477,
133.424

43, 80.948,
316.744

95, 32.096,
133.101

39, 89.164,
316.696

96, 33.553,
130.163


36, 94.984,
316.359

97, 32.635,
126.232

35, 98.386,

97, 31.882,
122.030

315.799

 98, 31.314,
117.590

Harmonies

Complementary

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



67, 24.105, 314.997



76, 23.661, 133.220

Rectangle

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



67, 24.105, 314.997



67, 24.105, 4.997



67, 24.105, 134.997



67, 24.105, 184.997

Sweetspot

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



67, 24.103, 314.997



95, 8.553, 314.355



69, 14.679, 271.352



51, 5.724, 314.385



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, 24.103, 314.997



82, 36.352, 315.209



68, 24.107, 329.519



38, 6.543, 314.500



28, 85.522, 315.942



2, 20.897, 311.070

Inverse Universe

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



68, 17.204, 354.627



83, 26.008, 355.199



75, 24.053, 146.922



38, 4.639, 353.401



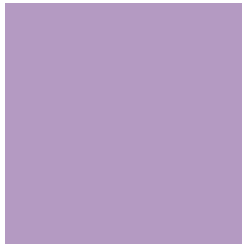
34, 60.676, 15.826



3, 14.830, 0.897

Previews

White Background



This preview shows how the CIELCh color 67, 24.105, 314.997 looks on a white background.

Color Contrast Check

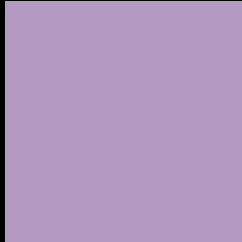
Large Text (above 18pt) WCAG AA × Fail

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, 24.105, 314.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

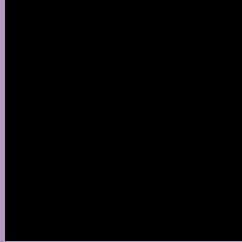
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 24.105, 314.997

Background



This preview shows how black text looks on a background with the CIELCh color 67, 24.105, 314.997.



This preview shows how white text looks on a background with the CIELCh color 67, 24.105, 314.997.

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, 24.105, 314.997

Protanopia
67, 20.520, 285.584

Deuteranopia
67, 18.981, 298.472



Tritanopia
67, 9.544, 336.346

Trichromacy



Original Color
67, 24.105, 314.997

Protanomaly
67, 21.141, 297.022

Deuteranomaly
67, 20.542, 305.126

Tritanomaly
67, 14.981, 322.691

Monochromacy



Original Color
67, 24.105, 314.997

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 8.460, 314.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 24.105, 314.997 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, 154, 194)` looks like.

```
.text, #text, p{  
    color:rgb(180, 154, 194)  
}
```

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, 154, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 154, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 24.105, 314.997 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, 154, 194) }
```

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

```
.border{ border-color:rgb(180, 154, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 154, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 154, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 154, 194);  
box-shadow:4px 4px 4px 4px rgb(180, 154,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 24.105, 314.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 154, 194) }
```

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

```
.background{ background-color: rgb(180,  
154, 194) }
```

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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