

Converting Colors

CIELCh(67, 24.412, 322.509)

Have a look what the booklet for
CIELCh(67, 24.412, 322.509)
contains.

CIELCh(67, 24.438, 322.516)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 24.438, 322.516)

Conversions

Conversions Part 1

Format	Color
Hex	BA98BE
RGB	186, 152, 190
RGB Percent	73%, 60%, 75%
CMY	0.2704, 0.4038, 0.2547
CMYK	0.02, 0.20, 0.00, 0.25
HSL	294°, 23%, 67%
HSV	294°, 20%, 75%
XYZ	40.7918, 36.6320, 53.6580
YIQ	166.4980, 8.0660, 19.0260

Conversions

Conversions Part 2

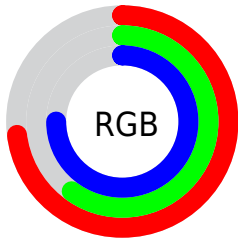
Format	Color
R_{YB}	186, 152, 190
Decimal	12228798
CIE _{Lab}	67.00, 19.39, -14.87
CIE _{LCh}	67, 24.438, 322.516
Yxy	36.6320, 0.3112, 0.2795
Android (android.graphics.Color)	4290418878 (0xFFBA98BE)
YUV	166.4980, 11.5865, 17.1033
Hunter-Lab	60.5244, 14.3867, -10.1967

Details

The CIELCh color $67, 24.438, 322.516$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 24.317, 140.471$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 24.505, 322.500$, and $47, 24.585, 322.612$ is the 20% darker color. If you saturate the color by 10%, you get $62, 36.711, 322.991$, and if you desaturate by 10%, it is $72, 12.146, 322.026$.

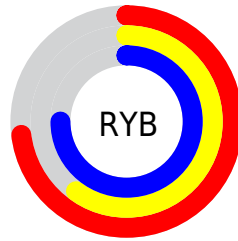
Distribution



Red (73%)

Green (60%)

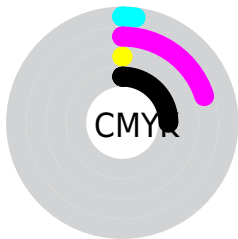
Blue (75%)



Red (73%)

Yellow (60%)

Blue (75%)

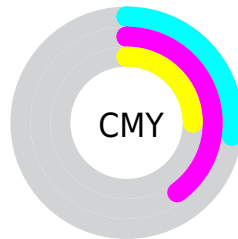


Cyan (2%)

Magenta (20%)

Yellow (0%)

Black (25%)



Cyan (27%)


Magenta (40%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 24.438, 322.516 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, 24.438, 322.516 by changing the saturation by 10% instead.


 67, 24.438,
322.516


 67, 24.438,
322.516


 100, 24.438,
322.516


 57, 24.438,
322.516


 87, 24.438,
322.516

 47, 24.438,
322.516

 97, 24.438,
322.516

 37, 24.438,
322.516

 27, 24.438,
322.516

 17, 24.438,
322.516

 7, 24.438, 322.516

 0, 24.438, 322.516

67, 24.438,
322.516

67, 24.438,
322.516

62, 36.711,
322.991

72, 12.146,
322.026

58, 48.732,
323.436

77, 0.004, 259.222

54, 60.163,
323.832

82, 11.896,
141.121

50, 70.570,
324.151

87, 23.492,
140.668

47, 79.451,
324.365

93, 34.755,
140.244

44, 86.318,
324.443

95, 39.134,
139.602

43, 90.836,
324.365

95, 38.752,
138.772

42, 93.315,

95, 38.377,
137.920

324.149

■ 95, 38.009,
137.045

■ 42, 93.316,
324.149

Harmonies

Complementary

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



67, 24.438, 322.516



74, 24.317, 140.471

Rectangle

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



67, 24.438, 322.516



67, 24.438, 12.516



67, 24.438, 142.516



67, 24.438, 192.516

Sweetspot

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



67, 24.436, 322.516



94, 9.007, 321.826



65, 18.688, 287.411



50, 6.026, 321.861



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



67, 24.436, 322.516



83, 36.378, 322.727



67, 19.310, 339.381



37, 6.844, 321.993



34, 81.425, 324.204



3, 20.375, 320.846

Inverse Universe

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



66, 15.154, 12.543



82, 22.837, 13.064



74, 19.050, 156.281



37, 4.128, 11.429



33, 68.708, 35.002



3, 12.338, 13.362

Previews

White Background



This preview shows how the CIELCh color 67, 24.438, 322.516 looks on a white background.

Color Contrast Check

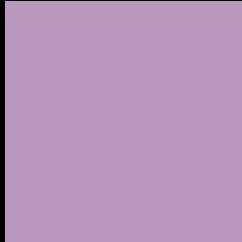
Large Text (above 18pt) WCAG AA × Fail

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, 24.438, 322.516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

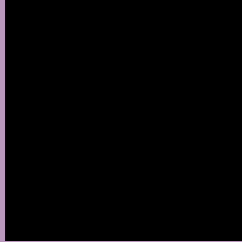
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 24.438, 322.516

Background



This preview shows how black text looks on a background with the CIELCh color 67, 24.438, 322.516.



This preview shows how white text looks on a background with the CIELCh color 67, 24.438, 322.516.

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, 24.438, 322.516

Protanopia

67, 19.397, 286.054

Deuteranopia

67, 16.900, 301.579



Tritanopia
67, 12.282, 348.045

Trichromacy



Original Color
67, 24.438, 322.516

Protanomaly
67, 20.246, 301.187

Deuteranomaly
67, 19.476, 311.404

Tritanomaly
67, 15.944, 334.366

Monochromacy



Original Color
67, 24.438, 322.516

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 8.498, 322.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 24.438, 322.516 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(186, 152, 190)` looks like.

```
.text, #text, p{  
    color:rgb(186, 152, 190)  
}
```

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(186, 152, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 152, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 24.438, 322.516 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(186, 152, 190) }
```

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

```
.border{ border-color:rgb(186, 152, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 152, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 152, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 152, 190);  
box-shadow:4px 4px 4px 4px rgb(186, 152,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 24.438, 322.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 152, 190) }
```

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

```
.background{ background-color: rgb(186,  
152, 190) }
```

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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