

Converting Colors

CIELCh(67, 20.678, 326.490)

Have a look what the booklet for
CIELCh(67, 20.678, 326.490)
contains.

CIELCh(67, 20.856, 326.225)	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, 20.856, 326.225)

Conversions

Conversions Part 1

Format	Color
Hex	B999B8
RGB	185, 153, 184
RGB Percent	73%, 60%, 72%
CMY	0.2739, 0.3994, 0.2778
CMYK	0.00, 0.17, 0.01, 0.27
HSL	302°, 19%, 66%
HSV	302°, 17%, 73%
XYZ	40.1283, 36.6320, 50.3876
YIQ	166.1020, 9.1210, 16.4250

Conversions

Conversions Part 2

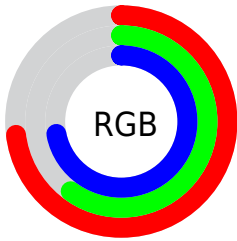
Format	Color
R _Y B	185, 153, 184
Decimal	12163512
CIE Lab	67.00, 17.34, -11.59
CIE LCh	67, 20.856, 326.225
Yxy	36.6320, 0.3156, 0.2881
Android (android.graphics.Color)	4290353592 (0xFFB999B8)
YUV	166.1020, 8.8237, 16.5735
Hunter-Lab	60.5244, 12.4299, -6.9930

Details

The CIELCh color $67, 20.856, 326.225$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 20.832, 144.211$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 21.092, 326.009$, and $47, 20.790, 326.551$ is the 20% darker color. If you saturate the color by 10%, you get $63, 32.929, 326.777$, and if you desaturate by 10%, it is $72, 8.747, 325.657$.

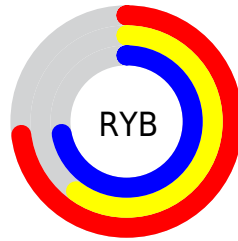
Distribution



Red (73%)

Green (60%)

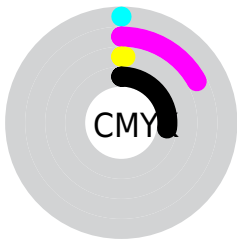
Blue (72%)



Red (73%)

Yellow (60%)

Blue (72%)

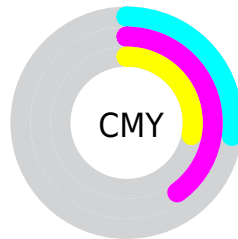


Cyan (0%)

Magenta (17%)

Yellow (1%)

Black (27%)



Cyan (27%)


Magenta (40%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 20.856, 326.225 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, 20.856, 326.225 by changing the saturation by 10% instead.

 67, 20.856,
326.225


 67, 20.856,
326.225


 100, 20.856,
326.225


 57, 20.856,
326.225


 87, 20.856,
326.225

 47, 20.856,
326.225

 97, 20.856,
326.225

 37, 20.856,
326.225

 27, 20.856,
326.225

 17, 20.856,
326.225

 7, 20.856, 326.225

 0, 20.856, 326.225

67, 20.856,
326.225

67, 20.856,
326.225

63, 32.929,
326.777

72, 8.747, 325.657

58, 44.727,
327.311

77, 3.222, 145.217

54, 55.911,
327.814

81, 14.947,
144.624

51, 66.062,
328.273

86, 26.363,
144.103

48, 74.710,
328.673

92, 37.439,
143.610

46, 81.416,
329.006

94, 42.732,
143.485


45, 85.888,
329.267

94, 42.490,
143.711

44, 88.191,

94, 42.248,
143.939

329.465

 94, 42.007,
144.170

 44, 88.667,
329.514

Harmonies

Complementary

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



67, 20.856, 326.225



72, 20.832, 144.211

Rectangle

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



67, 20.856, 326.225



67, 20.856, 16.225



67, 20.856, 146.225



67, 20.856, 196.225

Sweetspot

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



67, 20.854, 326.225



92, 7.397, 325.523



64, 17.860, 292.664



48, 5.045, 325.566



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, 20.854, 326.225



82, 31.276, 326.451



67, 14.927, 346.046



36, 6.765, 325.776



36, 77.982, 329.497



3, 18.237, 325.933

Inverse Universe

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



67, 20.854, 326.225



82, 31.276, 326.451



73, 14.583, 163.079



36, 6.765, 325.776



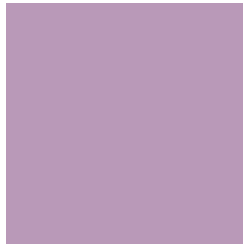
36, 77.982, 329.497



3, 18.237, 325.933

Previews

White Background



This preview shows how the CIELCh color 67, 20.856, 326.225 looks on a white background.

Color Contrast Check

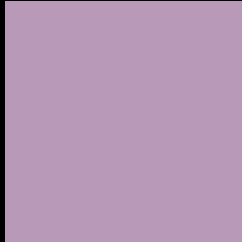
Large Text (above 18pt) WCAG AA × Fail

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, 20.856, 326.225 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, 20.856, 326.225

Background



This preview shows how black text looks on a background with the CIELCh color 67, 20.856, 326.225.



This preview shows how white text looks on a background with the CIELCh color 67, 20.856, 326.225.

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, 20.856, 326.225

Protanopia

67, 15.508, 286.568

Deuteranopia

67, 13.928, 308.212



Tritanopia
67, 12.282, 348.045

Trichromacy



Original Color
67, 20.856, 326.225

Protanomaly
67, 16.425, 303.116

Deuteranomaly
67, 16.052, 317.287

Tritanomaly
67, 15.188, 337.273

Monochromacy



Original Color
67, 20.856, 326.225

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 8.049, 324.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 20.856, 326.225 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(185, 153, 184)` looks like.

```
.text, #text, p{  
    color:rgb(185, 153, 184)  
}
```

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(185, 153, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 153, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 20.856, 326.225 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(185, 153, 184) }
```

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

```
.border{ border-color:rgb(185, 153, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 153, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 153, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 153, 184);  
box-shadow:4px 4px 4px 4px rgb(185, 153,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 20.856, 326.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 153, 184) }
```

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

```
.background{ background-color: rgb(185,  
153, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor