

Converting Colors

CIELCh(69, 33.569, 326.350)

Have a look what the booklet for
CIELCh(69, 33.569, 326.350)
contains.

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Color

CIELCh(69, 32.949, 326.340)

Conversions

Conversions Part 1

Format	Color
Hex	CB98CA
RGB	203, 152, 202
RGB Percent	80%, 60%, 79%
CMY	0.2045, 0.4045, 0.2084
CMYK	0.00, 0.25, 0.00, 0.20
HSL	301°, 33%, 70%
HSV	301°, 25%, 80%
XYZ	46.4375, 39.3444, 60.9331
YIQ	172.9490, 14.3460, 26.3620

Conversions

Conversions Part 2

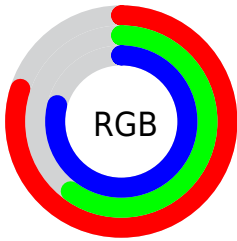
Format	Color
R _Y B	203, 152, 202
Decimal	13342922
CIE Lab	69.00, 27.42, -18.26
CIE LCh	69, 32.949, 326.340
Yxy	39.3444, 0.3165, 0.2682
Android (android.graphics.Color)	4291533002 (0xFFFCB98CA)
YUV	172.9490, 14.3221, 26.3547
Hunter-Lab	62.7251, 22.3807, -13.6886

Details

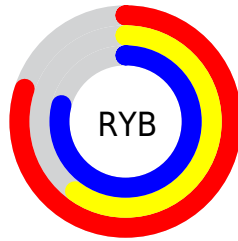
The CIELCh color $69, 32.949, 326.340$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 32.933, 143.280$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 30.096, 325.472$, and $49, 33.235, 326.147$ is the 20% darker color. If you saturate the color by 10%, you get $64, 45.836, 326.875$, and if you desaturate by 10%, it is $74, 19.813, 325.787$.

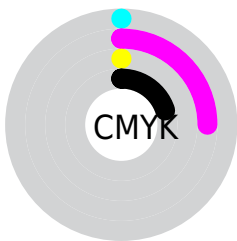
Distribution



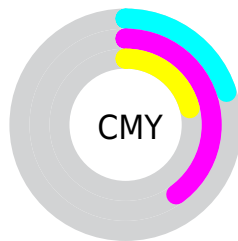
- Red (80%)
- Green (60%)
- Blue (79%)



- Red (80%)
- Yellow (60%)
- Blue (79%)



- Cyan (0%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 32.949, 326.340 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 69, 32.949, 326.340 by changing the saturation by 10% instead.


 69, 32.949,
326.340


 69, 32.949,
326.340


 100, 32.949,
326.340


 59, 32.949,
326.340


 89, 32.949,
326.340

 49, 32.949,
326.340

 99, 32.949,
326.340

 39, 32.949,
326.340

 29, 32.949,
326.340

 19, 32.949,
326.340

 9, 32.949, 326.340

 0, 32.949, 326.340

69, 32.949,
326.340

69, 32.949,
326.340

64, 45.836,
326.875

74, 19.813,
325.787

60, 58.133,
327.378

79, 6.688, 325.209

56, 69.394,
327.836

84, 6.258, 144.747

53, 79.112,
328.232

90, 18.918,
144.188

51, 86.796,
328.555

95, 31.230,
143.673

49, 92.095,
328.798

95, 32.097,
143.818


48, 94.941,
328.966

95, 31.930,
144.025

48, 95.779,

95, 31.763,
144.234

329.031

 95, 31.596,
144.445

Harmonies

Complementary

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



69, 32.949, 326.340



77, 32.933, 143.280

Rectangle

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



69, 32.949, 326.340



69, 32.949, 16.340



69, 32.949, 146.340



69, 32.949, 196.340

Sweetspot

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



69, 32.947, 326.340



95, 12.565, 325.387



65, 28.441, 293.700



50, 8.937, 325.475



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 32.947, 326.340



82, 47.269, 326.625



68, 23.543, 346.858



40, 7.439, 325.462



39, 82.447, 329.019



5, 28.592, 328.129

Inverse Universe

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



69, 32.947, 326.340



82, 47.269, 326.625



78, 22.761, 162.278



40, 7.439, 325.462



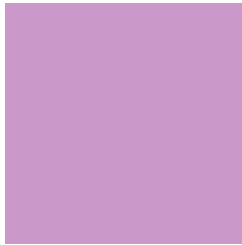
39, 82.447, 329.019



5, 28.592, 328.129

Previews

White Background



This preview shows how the CIELCh color 69, 32.949, 326.340 looks on a white background.

Color Contrast Check

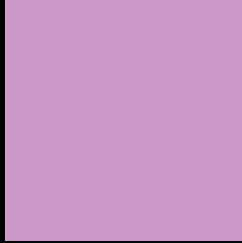
Large Text (above 18pt) WCAG AA × Fail

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 69, 32.949, 326.340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

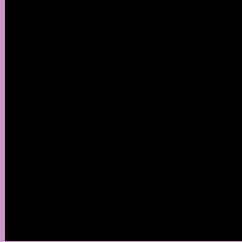
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 32.949, 326.340

Background



This preview shows how black text looks on a background with the CIELCh color 69, 32.949, 326.340.



This preview shows how white text looks on a background with the CIELCh color 69, 32.949, 326.340.

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





Tritanopia
69, 16.732, 357.996

Trichromacy



Original Color
69, 32.949, 326.340

Protanomaly
69, 26.357, 302.448

Deuteranomaly
69, 23.456, 311.681

Tritanomaly
69, 21.788, 340.805

Monochromacy



Original Color
69, 32.949, 326.340

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 12.180, 326.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 32.949, 326.340 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(203, 152, 202)` looks like.

```
.text, #text, p{  
    color:rgb(203, 152, 202)  
}
```

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(203, 152, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 152, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 32.949, 326.340 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(203, 152, 202) }
```

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

```
.border{ border-color:rgb(203, 152, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 152, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 152, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 152, 202);  
box-shadow:4px 4px 4px 4px rgb(203, 152,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 32.949, 326.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 152, 202) }
```

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

```
.background{ background-color: rgb(203,  
152, 202) }
```

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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