

Converting Colors

CIELCh(69, 32.966, 325.780)

Have a look what the booklet for
CIELCh(69, 32.966, 325.780)
contains.

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Color

CIELCh(69, 32.763, 325.780)

Conversions

Conversions Part 1

Format	Color
Hex	CA98CA
RGB	202, 152, 202
RGB Percent	79%, 60%, 79%
CMY	0.2073, 0.4034, 0.2073
CMYK	0.00, 0.25, 0.00, 0.21
HSL	300°, 32%, 69%
HSV	300°, 25%, 79%
XYZ	46.3196, 39.3444, 61.1136
YIQ	172.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

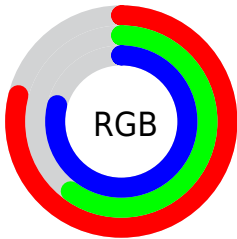
Format	Color
R_{YB}	202, 152, 202
Decimal	13277386
CIE _{Lab}	69.00, 27.09, -18.42
CIE _{LCh}	69, 32.763, 325.780
Yxy	39.3444, 0.3156, 0.2681
Android (android.graphics.Color)	4291467466 (0xFFCA98CA)
YUV	172.6500, 14.4696, 25.7400
Hunter-Lab	62.7251, 22.0451, -13.8592

Details

The CIELCh color $69, 32.763, 325.780$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 32.749, 142.798$, 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 $49, 33.056, 325.549$ is the 20% darker color. If you saturate the color by 10%, you get $64, 45.795, 326.305$, and if you desaturate by 10%, it is $74, 19.489, 325.234$.

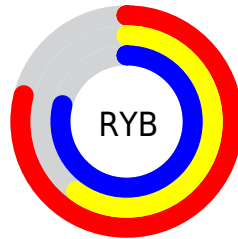
Distribution



Red (79%)

Green (60%)

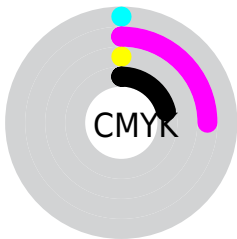
Blue (79%)



Red (79%)

Yellow (60%)

Blue (79%)

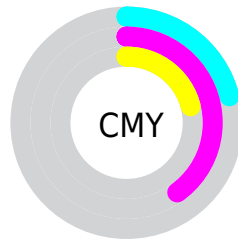


Cyan (0%)

Magenta (25%)

Yellow (0%)

Black (21%)



Cyan (21%)


Magenta (40%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 32.763, 325.780 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, 32.763, 325.780 by changing the saturation by 10% instead.


 69, 32.763,
325.780


 69, 32.763,
325.780


 100, 32.763,
325.780


 59, 32.763,
325.780


 89, 32.763,
325.780

 49, 32.763,
325.780

 99, 32.763,
325.780

 39, 32.763,
325.780

 29, 32.763,
325.780

 19, 32.763,
325.780

 9, 32.763, 325.780

 0, 32.763, 325.780

69, 32.763,
325.780

69, 32.763,
325.780

64, 45.795,
326.305

74, 19.489,
325.234

60, 58.246,
326.795

79, 6.232, 324.659

56, 69.672,
327.234

84, 6.839, 144.199

53, 79.570,
327.604

89, 19.619,
143.648

51, 87.451,
327.892

95, 32.045,
143.136

49, 92.962,
328.090

95, 33.132,
143.092


48, 96.029,
328.199

95, 33.132,
143.092

48, 97.009,

95, 33.131,
143.093

328.234

 95, 33.131,
143.093

Harmonies

Complementary

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



69, 32.763, 325.780



77, 32.749, 142.798

Rectangle

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



69, 32.763, 325.780



69, 32.763, 15.780



69, 32.763, 145.780



69, 32.763, 195.780

Sweetspot

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



69, 32.761, 325.780



96, 11.134, 324.802



65, 27.881, 293.076



51, 7.237, 324.837



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, 32.761, 325.780



82, 47.892, 326.081



68, 23.334, 345.867



40, 7.538, 324.935



39, 83.709, 328.234



5, 29.042, 327.498

Inverse Universe

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



69, 32.761, 325.780



82, 47.892, 326.081



77, 22.629, 161.436



40, 7.538, 324.935



39, 83.709, 328.234



5, 29.042, 327.498

Previews

White Background



This preview shows how the CIELCh color 69, 32.763, 325.780 looks on a white background.

Color Contrast Check

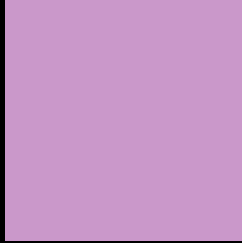
Large Text (above 18pt) WCAG AA × Fail

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, 32.763, 325.780 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, 32.763, 325.780

Background



This preview shows how black text looks on a background with the CIELCh color 69, 32.763, 325.780.



This preview shows how white text looks on a background with the CIELCh color 69, 32.763, 325.780.

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, 32.763, 325.780

Protanomaly
69, 25.680, 301.098

Deuteranomaly
69, 23.969, 311.251

Tritanomaly
69, 21.788, 340.805

Monochromacy



Original Color
69, 32.763, 325.780

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 12.624, 324.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 32.763, 325.780 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(202, 152, 202)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 152, 202) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 69, 32.763, 325.780 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(202, 152, 202) }
```

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

```
.border{ border-color:rgb(202, 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(202, 152, 202)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 69, 32.763, 325.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(202,  
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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