

Converting Colors

CIELCh(69, 28.917, 332.418)

Have a look what the booklet for
CIELCh(69, 28.917, 332.418)
contains.

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Color

CIELCh(69, 28.769, 332.691)

Conversions

Conversions Part 1

Format	Color
Hex	CC99C1
RGB	204, 153, 193
RGB Percent	80%, 60%, 76%
CMY	0.2010, 0.4009, 0.2441
CMYK	0.00, 0.25, 0.05, 0.20
HSL	313°, 33%, 70%
HSV	313°, 25%, 80%
XYZ	45.7819, 39.3444, 55.4878
YIQ	172.8090, 17.5560, 23.2520

Conversions

Conversions Part 2

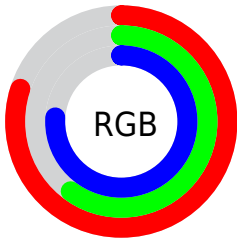
Format	Color
R_{YB}	204, 153, 193
Decimal	13408705
CIE _{Lab}	69.00, 25.56, -13.20
CIE _{LCh}	69, 28.769, 332.691
Yxy	39.3444, 0.3256, 0.2798
Android (android.graphics.Color)	4291598785 (0xFFCC99C1)
YUV	172.8090, 9.9542, 27.3545
Hunter-Lab	62.7251, 20.5148, -8.5415

Details

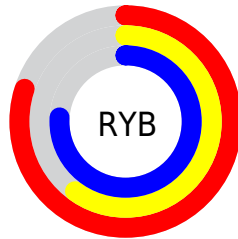
The CIELCh color $69, 28.769, 332.691$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 28.625, 149.245$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 27.003, 329.219$, and $49, 28.807, 332.861$ is the 20% darker color. If you saturate the color by 10%, you get $64, 40.133, 333.389$, and if you desaturate by 10%, it is $74, 17.223, 332.017$.

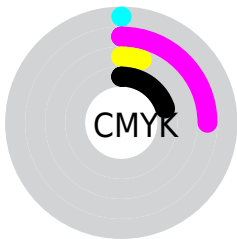
Distribution



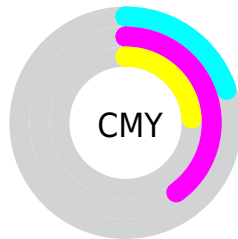
- Red (80%)
- Green (60%)
- Blue (76%)



- Red (80%)
- Yellow (60%)
- Blue (76%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (20%)




- Cyan (20%)
- Magenta (40%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 28.769, 332.691 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, 28.769, 332.691 by changing the saturation by 10% instead.

 69, 28.769,
332.691


 69, 28.769,
332.691


 100, 28.769,
332.691


 59, 28.769,
332.691


 89, 28.769,
332.691

 49, 28.769,
332.691

 99, 28.769,
332.691

 39, 28.769,
332.691

 29, 28.769,
332.691

 19, 28.769,
332.691

 9, 28.769, 332.691

 0, 28.769, 332.691

69, 28.769,
332.691

69, 28.769,
332.691

64, 40.133,
333.389

74, 17.223,
332.017

60, 51.008,
334.113

79, 5.722, 331.339

56, 60.971,
334.871

85, 5.597, 150.838

52, 69.519,
335.673

90, 16.649,
150.217

50, 76.133,
336.541

96, 27.391,
149.655

48, 80.404,
337.508

96, 25.903,
152.757


46, 82.205,
338.619

96, 24.272,
156.338

46, 82.523,

96, 22.736,
160.400

339.215

 96, 21.316,
165.006

Harmonies

Complementary

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



69, 28.769, 332.691



78, 28.625, 149.245

Rectangle

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



69, 28.769, 332.691



69, 28.769, 22.691



69, 28.769, 152.691



69, 28.769, 202.691

Sweetspot

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



69, 28.767, 332.692



95, 10.958, 331.555



66, 28.634, 299.991



50, 7.796, 331.657



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, 28.767, 332.692



82, 41.343, 333.063



68, 21.388, 358.598



40, 6.488, 331.642



37, 70.951, 339.016



5, 24.341, 336.149

Inverse Universe

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



69, 28.767, 332.692



82, 41.343, 333.063



78, 19.881, 173.556



40, 6.488, 331.642



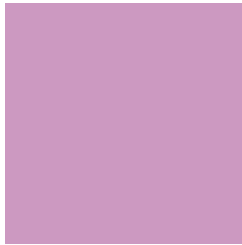
37, 70.951, 339.016



5, 24.341, 336.149

Previews

White Background



This preview shows how the CIELCh color 69, 28.769, 332.691 looks on a white background.

Color Contrast Check

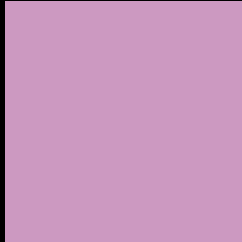
Large Text (above 18pt) WCAG AA × Fail

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, 28.769, 332.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

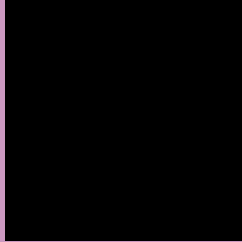
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 28.769, 332.691

Background



This preview shows how black text looks on a background with the CIELCh color 69, 28.769, 332.691.



This preview shows how white text looks on a background with the CIELCh color 69, 28.769, 332.691.

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
69, 28.769, 332.691

Protanopia
69, 19.290, 285.984

Deuteranopia
69, 15.433, 306.486



Tritanopia
69, 18.205, 0.135

Trichromacy



Original Color
69, 28.769, 332.691

Protanomaly
69, 21.129, 306.672

Deuteranomaly
69, 19.881, 318.963

Tritanomaly
69, 21.769, 346.316

Monochromacy



Original Color
69, 28.769, 332.691

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 10.243, 331.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 28.769, 332.691 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(204, 153, 193)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 193)  
}
```

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(204, 153, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 28.769, 332.691 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(204, 153, 193) }
```

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

```
.border{ border-color:rgb(204, 153, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 193);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 28.769, 332.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 193) }
```

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

```
.background{ background-color: rgb(204,  
153, 193) }
```

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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