

Converting Colors

CIELCh(69, 20.227, 339.419)

Have a look what the booklet for
CIELCh(69, 20.227, 339.419)
contains.

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Color

CIELCh(69, 20.311, 339.019)

Conversions

Conversions Part 1

Format	Color
Hex	C59DB6
RGB	197, 157, 182
RGB Percent	77%, 62%, 71%
CMY	0.2276, 0.3844, 0.2864
CMYK	0.00, 0.20, 0.08, 0.23
HSL	323°, 26%, 69%
HSV	323°, 20%, 77%
XYZ	43.5084, 39.3444, 49.5387
YIQ	171.8100, 15.8150, 16.2550

Conversions

Conversions Part 2

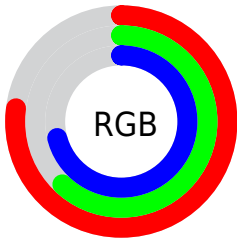
Format	Color
RYB	197, 157, 182
Decimal	12950966
CIELab	69.00, 18.96, -7.27
CIELCh	69, 20.311, 339.019
Yxy	39.3444, 0.3286, 0.2972
Android (android.graphics.Color)	4291141046 (0xFFC59DB6)
YUV	171.8100, 5.0237, 22.0916
Hunter-Lab	62.7251, 14.0451, -2.9182

Details

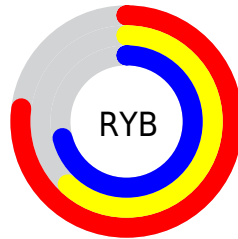
The CIELCh color **69, 20.311, 339.019** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **76, 20.044, 155.883**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 20.205, 339.006**, and **49, 20.604, 339.187** is the 20% darker color. If you saturate the color by 10%, you get **64, 30.383, 339.889**, and if you desaturate by 10%, it is **74, 10.234, 338.210**.

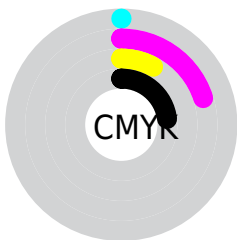
Distribution



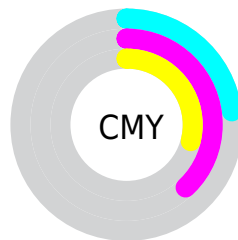
- Red (77%)
- Green (62%)
- Blue (71%)



- Red (77%)
- Yellow (62%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (8%)
- Black (23%)





- Cyan (23%)
- Magenta (38%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 20.311, 339.019 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, 20.311, 339.019 by changing the saturation by 10% instead.


 69, 20.311,
339.019


 69, 20.311,
339.019


 100, 20.311,
339.019


 59, 20.311,
339.019


 89, 20.311,
339.019

 49, 20.311,
339.019


 99, 20.311,
339.019

 39, 20.311,
339.019

 29, 20.311,
339.019

 19, 20.311,
339.019

 9, 20.311, 339.019

 0, 20.311, 339.019

69, 20.311,
339.019

69, 20.311,
339.019

64, 30.383,
339.889

74, 10.234,
338.210

59, 40.227,
340.843

79, 0.308, 336.345

55, 49.509,
341.909

85, 9.383, 156.867

51, 57.797,
343.128

90, 18.793,
156.211

48, 64.594,
344.561

95, 27.634,
155.751

46, 69.428,
346.293

96, 25.059,
161.885


44, 72.017,
348.429

96, 22.794,
169.278

43, 72.746,

96, 20.945,
178.090

350.918

 96, 19.636,
188.299

Harmonies

Complementary

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



69, 20.311, 339.019



76, 20.044, 155.883

Rectangle

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



69, 20.311, 339.019



69, 20.311, 29.019



69, 20.311, 159.019



69, 20.311, 209.019

Sweetspot

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



69, 20.309, 339.020



96, 7.320, 337.870



67, 22.815, 305.426



51, 4.858, 337.925



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, 20.309, 339.020



85, 29.651, 339.365



68, 15.920, 10.396



39, 5.671, 338.137



36, 63.435, 350.494



4, 19.367, 345.232

Inverse Universe

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



69, 20.309, 339.020



85, 29.651, 339.365



77, 14.425, 186.816



39, 5.671, 338.137



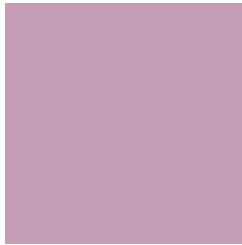
36, 63.435, 350.494



4, 19.367, 345.232

Previews

White Background



This preview shows how the CIELCh color 69, 20.311, 339.019 looks on a white background.

Color Contrast Check

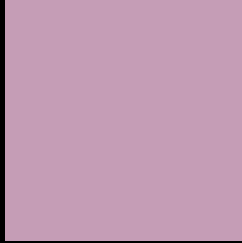
Large Text (above 18pt) WCAG AA × Fail

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 69, 20.311, 339.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

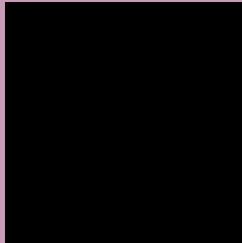
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 20.311, 339.019

Background



This preview shows how black text looks on a background with the CIELCh color 69, 20.311, 339.019.



This preview shows how white text looks on a background with the CIELCh color 69, 20.311, 339.019.

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, 20.311, 339.019

Protanopia
69, 12.091, 289.703

Deuteranopia
69, 10.925, 321.637



Tritanopia
69, 15.644, 356.159

Trichromacy



Original Color
69, 20.311, 339.019

Protanomaly
69, 13.715, 313.279

Deuteranomaly
69, 14.456, 331.341

Tritanomaly
69, 17.191, 348.350

Monochromacy



Original Color
69, 20.311, 339.019

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.245, 337.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 20.311, 339.019 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(197, 157, 182)` looks like.

```
.text, #text, p{  
    color:rgb(197, 157, 182)  
}
```

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(197, 157, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 157, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 20.311, 339.019 is called "border". The border property can be set on classes, ids or directly on the HTML element.

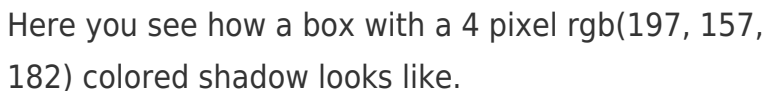
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 157, 182) }
```

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

```
.border{ border-color:rgb(197, 157, 182) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 157, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 157, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 157, 182);  
box-shadow:4px 4px 4px 4px rgb(197, 157,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 20.311, 339.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 157, 182) }
```

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

```
.background{ background-color: rgb(197,  
157, 182) }
```

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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