

Converting Colors

CIELCh(69, 19.545, 342.891)

Have a look what the booklet for
CIELCh(69, 19.545, 342.891)
contains.

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Color

CIELCh(69, 19.605, 343.466)

Conversions

Conversions Part 1

Format	Color
Hex	C69DB3
RGB	198, 157, 179
RGB Percent	78%, 62%, 70%
CMY	0.2238, 0.3845, 0.2983
CMYK	0.00, 0.21, 0.10, 0.22
HSL	328°, 26%, 70%
HSV	328°, 21%, 78%
XYZ	43.4508, 39.3444, 47.9207
YIQ	171.7670, 17.3740, 15.5340

Conversions

Conversions Part 2

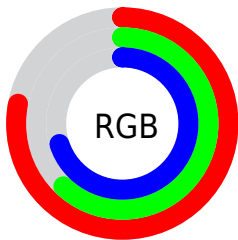
Format	Color
R _{YB}	198, 157, 179
Decimal	13016499
CIE _{Lab}	69.00, 18.79, -5.58
CIE _{LCh}	69, 19.605, 343.466
Y _{xy}	39.3444, 0.3324, 0.3010
Android (android.graphics.Color)	4291206579 (0xFFC69DB3)
Y _{UV}	171.7670, 3.5659, 23.0063
Hunter-Lab	62.7251, 13.8813, -1.3888

Details

The CIELCh color **69, 19.605, 343.466** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 19.185, 159.976**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 19.527, 343.221**, and **49, 19.867, 343.922** is the 20% darker color. If you saturate the color by 10%, you get **64, 29.199, 344.465**, and if you desaturate by 10%, it is **74, 10.045, 342.559**.

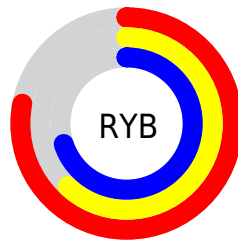
Distribution



Red (78%)

Green (62%)

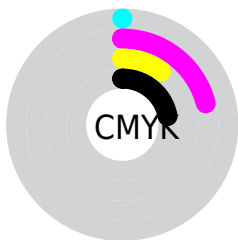
Blue (70%)



Red (78%)

Yellow (62%)

Blue (70%)

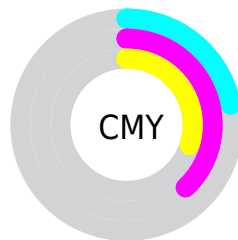


Cyan (0%)

Magenta (21%)

Yellow (10%)

Black (22%)



Cyan (22%)

Magenta (38%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 19.605, 343.466 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, 19.605, 343.466 by changing the saturation by 10% instead.

 69, 19.605,
343.466

 69, 19.605,
343.466

 100, 19.605,
343.466


 59, 19.605,
343.466

 89, 19.605,
343.466

 49, 19.605,
343.466

 99, 19.605,
343.466

 39, 19.605,
343.466

 29, 19.605,
343.466

 19, 19.605,
343.466

 9, 19.605, 343.466

 0, 19.605, 343.466

69, 19.605,
343.466

69, 19.605,
343.466

64, 29.199,
344.465

74, 10.045,
342.559

59, 38.618,
345.589

79, 0.664, 341.203

85, 8.464, 161.096

55, 47.541,
346.885

90, 17.300,
160.390

51, 55.548,
348.418

96, 25.300,
160.152

48, 62.154,
350.280

96, 22.434,
169.263

45, 66.908,
352.595


96, 20.224,
180.618

44, 69.565,
355.512

96, 18.910,
194.077

43, 70.547,

358.774

 96, 18.727,
198.268

Harmonies

Complementary

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



69, 19.605, 343.466



76, 19.185, 159.976

Rectangle

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



69, 19.605, 343.466



69, 19.605, 33.466



69, 19.605, 163.466



69, 19.605, 213.466

Sweetspot

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



69, 19.603, 343.468



96, 6.878, 342.147



68, 23.675, 308.331



51, 4.565, 342.208



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, 19.603, 343.468



84, 29.147, 343.920



68, 16.223, 16.969



39, 5.332, 342.442



35, 61.243, 358.177



4, 18.238, 350.739

Inverse Universe

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



69, 19.603, 343.468



84, 29.147, 343.920



77, 14.346, 193.922



39, 5.332, 342.442



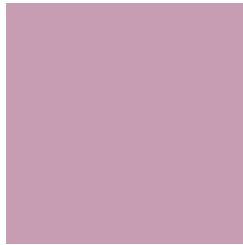
35, 61.243, 358.177



4, 18.238, 350.739

Previews

White Background



This preview shows how the CIELCh color 69, 19.605, 343.466 looks on a white background.

Color Contrast Check

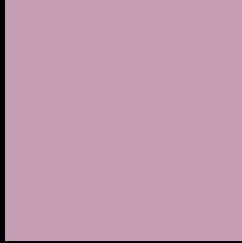
Large Text (above 18pt) WCAG AA × Fail

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, 19.605, 343.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

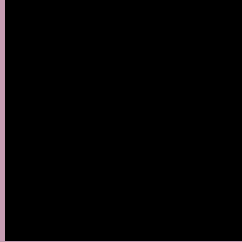
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 19.605, 343.466

Background



This preview shows how black text looks on a background with the CIELCh color 69, 19.605, 343.466.



This preview shows how white text looks on a background with the CIELCh color 69, 19.605, 343.466.

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, 19.605, 343.466

Protanopia

69, 9.896, 291.178

Deuteranopia

69, 10.021, 330.258



Tritanopia
69, 16.571, 355.654

Trichromacy



Original Color
69, 19.605, 343.466

Protanomaly
69, 12.373, 317.742

Deuteranomaly
69, 13.546, 337.189

Tritanomaly
69, 17.257, 350.653

Monochromacy



Original Color
69, 19.605, 343.466

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.888, 340.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 19.605, 343.466 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(198, 157, 179)` looks like.

```
.text, #text, p{  
    color:rgb(198, 157, 179)  
}
```

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(198, 157, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 157, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 19.605, 343.466 is called "border". The border property can be set on classes, ids or directly on the HTML element.

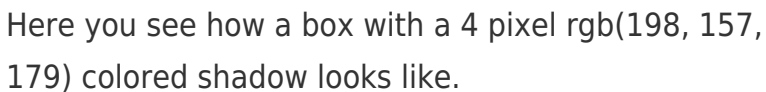
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 157, 179) }
```

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

```
.border{ border-color:rgb(198, 157, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 157, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 157, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 157, 179);  
box-shadow:4px 4px 4px 4px rgb(198, 157,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 19.605, 343.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 157, 179) }
```

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

```
.background{ background-color: rgb(198,  
157, 179) }
```

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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