

Converting Colors

CIELCh(68, 25.367, 310.076)

Have a look what the booklet for
CIELCh(68, 25.367, 310.076)
contains.

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Color

CIELCh(68, 25.599, 310.095)

Conversions

Conversions Part 1

Format	Color
Hex	B39DC9
RGB	179, 157, 201
RGB Percent	70%, 62%, 79%
CMY	0.2976, 0.3839, 0.2113
CMYK	0.11, 0.22, 0.00, 0.21
HSL	270°, 29%, 70%
HSV	270°, 22%, 79%
XYZ	41.2496, 37.9720, 60.4863
YIQ	168.5940, -1.0120, 18.3480

Conversions

Conversions Part 2

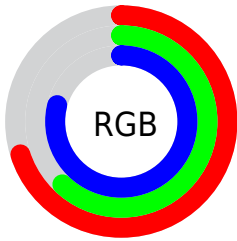
Format	Color
R _Y B	179, 157, 201
Decimal	11771337
CIE Lab	68.00, 16.49, -19.58
CIE LCh	68, 25.599, 310.095
Yxy	37.9720, 0.2953, 0.2718
Android (android.graphics.Color)	4289961417 (0xFFB39DC9)
YUV	168.5940, 15.9762, 9.1261
Hunter-Lab	61.6215, 11.6508, -15.0627

Details

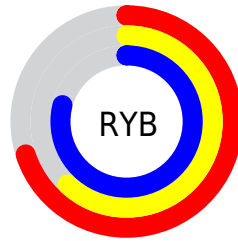
The CIELCh color $68, 25.599, 310.095$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 24.844, 128.073$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 23.929, 311.034$, and $48, 25.395, 309.968$ is the 20% darker color. If you saturate the color by 10%, you get $62, 37.752, 310.624$, and if you desaturate by 10%, it is $74, 13.709, 309.595$.

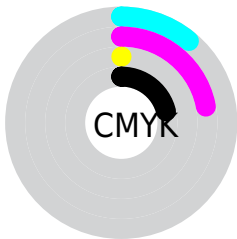
Distribution



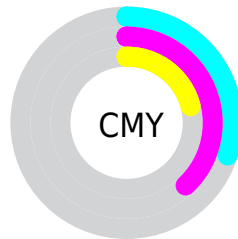
- Red (70%)
- Green (62%)
- Blue (79%)



- Red (70%)
- Yellow (62%)
- Blue (79%)



- Cyan (11%)
- Magenta (22%)
- Yellow (0%)
- Black (21%)





- Cyan (30%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 25.599, 310.095 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 68, 25.599, 310.095 by changing the saturation by 10% instead.


 68, 25.599,
310.095


 68, 25.599,
310.095


 100, 25.599,
310.095


 58, 25.599,
310.095


 88, 25.599,
310.095

 48, 25.599,
310.095

 98, 25.599,
310.095

 38, 25.599,
310.095

 28, 25.599,
310.095

 18, 25.599,
310.095

 8, 25.599, 310.095

 0, 25.599, 310.095

68, 25.599,
310.095

68, 25.599,
310.095

62, 37.752,
310.624

74, 13.709,
309.595

56, 50.060,
311.167

80, 2.144, 309.094

86, 9.075, 128.752

51, 62.313,
311.694

92, 19.946,
128.380

46, 74.159,
312.157

97, 28.920,
127.206

41, 85.047,
312.479

98, 27.857,
120.114

37, 94.220,
312.561

98, 27.271,
112.448

34, 100.844,
312.287

99, 27.176,
108.114

32, 104.419,

311.832

Harmonies

Complementary

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



68, 25.599, 310.095



78, 24.844, 128.073

Rectangle

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



68, 25.599, 310.095



68, 25.599, 0.095



68, 25.599, 130.095



68, 25.599, 180.095

Sweetspot

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



68, 25.597, 310.094



95, 9.731, 309.366



72, 13.744, 256.741



50, 6.328, 309.395



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 25.597, 310.094



81, 37.093, 310.329



70, 28.722, 325.157



39, 6.463, 309.475



25, 89.272, 312.003



2, 22.368, 305.921

Inverse Universe

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



69, 20.511, 345.574



83, 29.643, 346.037



77, 28.686, 142.616



39, 5.202, 344.384



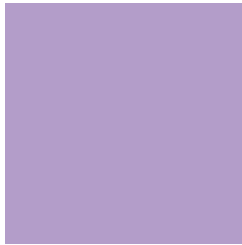
35, 60.736, 1.561



4, 17.857, 352.983

Previews

White Background



This preview shows how the CIELCh color 68, 25.599, 310.095 looks on a white background.

Color Contrast Check

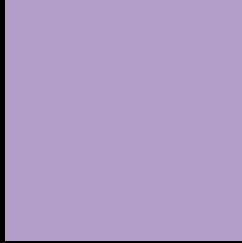
Large Text (above 18pt) WCAG AA × Fail

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 68, 25.599, 310.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

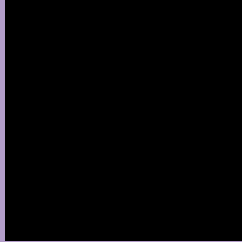
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 25.599, 310.095

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.599, 310.095.



This preview shows how white text looks on a background with the CIELCh color 68, 25.599, 310.095.

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
68, 25.599, 310.095

Protanopia
68, 23.228, 285.876

Deuteranopia
68, 21.017, 295.111



Tritanopia
68, 8.704, 324.816

Trichromacy



Original Color
68, 25.599, 310.095

Protanomaly
68, 23.788, 295.025

Deuteranomaly
68, 22.428, 301.303

Tritanomaly
68, 14.550, 315.199

Monochromacy



Original Color
68, 25.599, 310.095

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.323, 309.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.599, 310.095 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(179, 157, 201)` looks like.

```
.text, #text, p{  
    color:rgb(179, 157, 201)  
}
```

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(179, 157, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 157, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.599, 310.095 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(179, 157, 201) }
```

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

```
.border{ border-color:rgb(179, 157, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 157, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 157, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 157, 201);  
box-shadow:4px 4px 4px 4px rgb(179, 157,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.599, 310.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 157, 201) }
```

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

```
.background{ background-color: rgb(179,  
157, 201) }
```

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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