

Converting Colors

CIELCh(69, 18.783, 296.301)

Have a look what the booklet for
CIELCh(69, 18.783, 296.301)
contains.

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Color

CIELCh(69, 18.783, 296.301)

Conversions

Conversions Part 1

Format	Color
Hex	A9A5C7
RGB	169, 165, 199
RGB Percent	66%, 65%, 78%
CMY	0.3382, 0.3539, 0.2206
CMYK	0.15, 0.17, 0.00, 0.22
HSL	247°, 23%, 71%
HSV	247°, 17%, 78%
XYZ	40.0024, 39.3444, 59.3675
YIQ	170.0720, -8.5300, 11.4220

Conversions

Conversions Part 2

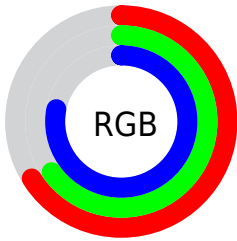
Format	Color
R_{YB}	169, 165, 199
Decimal	11118023
CIE Lab	69.00, 8.32, -16.84
CIE LCh	69, 18.783, 296.301
Yxy	39.3444, 0.2884, 0.2836
Android (android.graphics.Color)	4289308103 (0xFFA9A5C7)
YUV	170.0720, 14.2615, -0.9401
Hunter-Lab	62.7251, 4.0678, -12.2087

Details

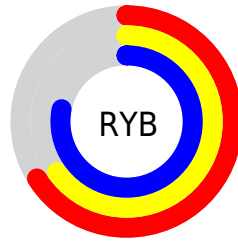
The CIELCh color $69, 18.783, 296.301$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $79, 18.078, 113.452$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 18.336, 295.869$, and $49, 18.917, 297.021$ is the 20% darker color. If you saturate the color by 10%, you get $62, 30.367, 297.377$, and if you desaturate by 10%, it is $76, 7.650, 295.373$.

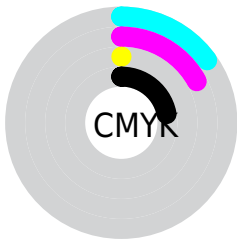
Distribution



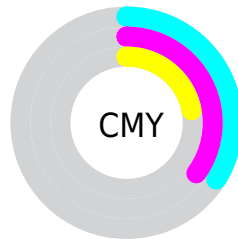
- Red (66%)
- Green (65%)
- Blue (78%)



- Red (66%)
- Yellow (65%)
- Blue (78%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)





- Cyan (34%)
- Magenta (35%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 18.783, 296.301 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, 18.783, 296.301 by changing the saturation by 10% instead.


 69, 18.783,
296.301


 69, 18.783,
296.301


 100, 18.783,
296.301


 59, 18.783,
296.301


 89, 18.783,
296.301

 49, 18.783,
296.301

 99, 18.783,
296.301

 39, 18.783,
296.301

 29, 18.783,
296.301

 19, 18.783,
296.301

 9, 18.783, 296.301

 0, 18.783, 296.301

69, 18.783,
296.301

69, 18.783,
296.301

62, 30.367,
297.377

76, 7.650, 295.373

56, 42.420,
298.619

82, 3.050, 114.570

49, 54.909,
300.027

88, 13.349,
113.894

43, 67.710,
301.576

95, 23.274,
113.312

37, 80.482,
303.189

99, 28.357,
108.023

32, 92.478,
304.711

28, 102.390,
305.898

25, 108.746,

306.518

■ 25, 110.222,
306.679

Harmonies

Complementary

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



69, 18.783, 296.301



79, 18.078, 113.452

Rectangle

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



69, 18.783, 296.301



69, 18.783, 346.301



69, 18.783, 116.301



69, 18.783, 166.301

Sweetspot

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



69, 18.781, 296.299



96, 6.572, 295.203



77, 10.666, 210.249



51, 4.489, 295.262



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, 18.781, 296.299



83, 28.473, 296.733



70, 20.166, 313.755



38, 6.139, 295.572



19, 95.126, 306.744



1, 21.579, 294.845

Inverse Universe

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



71, 20.599, 328.797



87, 30.999, 329.051



78, 19.823, 132.302



39, 6.809, 328.330



38, 75.539, 333.488



4, 24.152, 331.283

Previews

White Background



This preview shows how the CIELCh color 69, 18.783, 296.301 looks on a white background.

Color Contrast Check

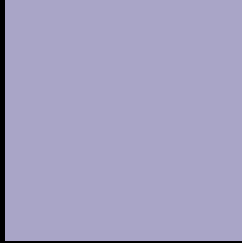
Large Text (above 18pt) WCAG AA × Fail

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, 18.783, 296.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

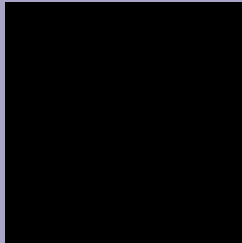
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 18.783, 296.301

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.783, 296.301.



This preview shows how white text looks on a background with the CIELCh color 69, 18.783, 296.301.

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, 18.783, 296.301

Protanopia

69, 18.203, 285.476

Deuteranopia

69, 19.421, 298.291



Tritanopia
69, 7.167, 285.068

Trichromacy



Original Color
69, 18.783, 296.301

Protanomaly
69, 18.694, 289.925

Deuteranomaly
69, 19.421, 298.291

Tritanomaly
69, 10.994, 291.286

Monochromacy



Original Color
69, 18.783, 296.301

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 6.644, 297.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 18.783, 296.301 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(169, 165, 199)` looks like.

```
.text, #text, p{  
    color:rgb(169, 165, 199)  
}
```

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(169, 165, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 165, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.783, 296.301 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(169, 165, 199) }
```

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

```
.border{ border-color:rgb(169, 165, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 165, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 165, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 165, 199);  
box-shadow:4px 4px 4px 4px rgb(169, 165,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.783, 296.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 165, 199) }
```

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

```
.background{ background-color: rgb(169,  
165, 199) }
```

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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