

Converting Colors

CIELCh(69, 18.398, 299.691)

Have a look what the booklet for
CIELCh(69, 18.398, 299.691)
contains.

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Color

CIELCh(69, 18.377, 299.685)

Conversions

Conversions Part 1

Format	Color
Hex	ABA4C5
RGB	171, 164, 197
RGB Percent	67%, 64%, 77%
CMY	0.3286, 0.3561, 0.2266
CMYK	0.13, 0.17, 0.00, 0.23
HSL	253°, 22%, 71%
HSV	253°, 17%, 77%
XYZ	40.2522, 39.3444, 58.4206
YIQ	169.8550, -6.4210, 11.7470

Conversions

Conversions Part 2

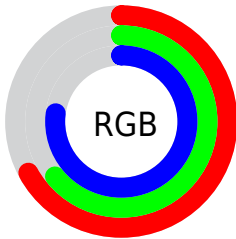
Format	Color
R_{YB}	171, 164, 197
Decimal	11248837
CIE Lab	69.00, 9.10, -15.97
CIE LCh	69, 18.377, 299.685
Yxy	39.3444, 0.2916, 0.2851
Android (android.graphics.Color)	4289438917 (0xFFABA4C5)
YUV	169.8550, 13.3825, 1.0042
Hunter-Lab	62.7251, 4.7787, -11.3137

Details

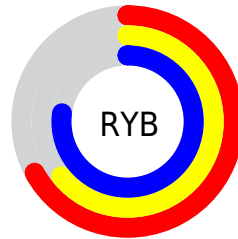
The CIELCh color $69, 18.377, 299.685$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 17.742, 117.350$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 18.515, 300.062$, and $49, 18.489, 300.541$ is the 20% darker color. If you saturate the color by 10%, you get $63, 29.914, 300.564$, and if you desaturate by 10%, it is $75, 7.262, 298.915$.

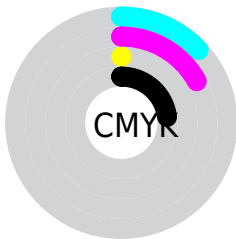
Distribution



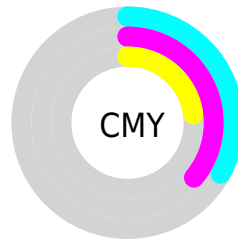
- Red (67%)
- Green (64%)
- Blue (77%)



- Red (67%)
- Yellow (64%)
- Blue (77%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (23%)



- Cyan (33%)
- Magenta (36%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 18.377, 299.685 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, 18.377, 299.685 by changing the saturation by 10% instead.

■ 69, 18.377,
299.685

■ 69, 18.377,
299.685

■ 100, 18.377,
299.685

■ 59, 18.377,
299.685

■ 89, 18.377,
299.685

■ 49, 18.377,
299.685

■ 99, 18.377,
299.685

■ 39, 18.377,
299.685

■ 29, 18.377,
299.685

■ 19, 18.377,
299.685

■ 9, 18.377, 299.685

■ 0, 18.377, 299.685

69, 18.377,
299.685

69, 18.377,
299.685

63, 29.914,
300.564

75, 7.262, 298.915

56, 41.873,
301.563

82, 3.440, 118.258

50, 54.199,
302.674

88, 13.752,
117.682

44, 66.742,
303.869

94, 23.697,
117.190

38, 79.155,
305.079

98, 29.236,
112.480

33, 90.750,
306.178

99, 29.127,
107.964

29, 100.390,
306.970

26, 106.794,

307.257

■ 25, 108.499,
307.332

Harmonies

Complementary

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



69, 18.377, 299.685



78, 17.742, 117.350

Rectangle

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



69, 18.377, 299.685



69, 18.377, 349.685



69, 18.377, 119.685



69, 18.377, 169.685

Sweetspot

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



69, 18.375, 299.683



96, 6.623, 298.797



75, 9.832, 220.094



51, 4.524, 298.848



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, 18.375, 299.683



84, 27.237, 299.984



70, 19.988, 316.430



39, 6.185, 299.109



20, 94.150, 307.430



2, 21.680, 297.318

Inverse Universe

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



71, 18.747, 331.999



87, 27.635, 332.237



77, 19.736, 134.997



39, 6.370, 331.512



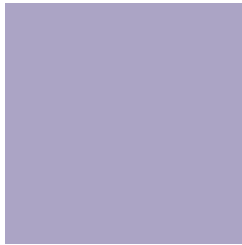
37, 70.339, 338.781



4, 22.207, 335.631

Previews

White Background



This preview shows how the CIELCh color 69, 18.377, 299.685 looks on a white background.

Color Contrast Check

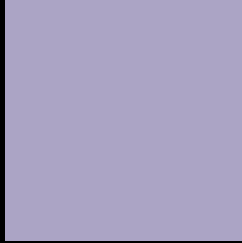
Large Text (above 18pt) WCAG AA × Fail

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, 18.377, 299.685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

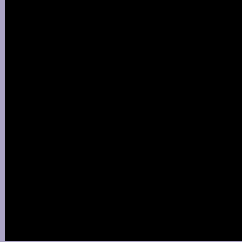
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 18.377, 299.685

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.377, 299.685.



This preview shows how white text looks on a background with the CIELCh color 69, 18.377, 299.685.

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, 18.377, 299.685

Protanopia

69, 17.629, 286.309

Deuteranopia

69, 18.377, 299.685



Tritanopia
69, 7.164, 293.836

Trichromacy



Original Color
69, 18.377, 299.685

Protanomaly
69, 17.594, 290.803

Deuteranomaly
69, 18.377, 299.685

Tritanomaly
69, 11.074, 296.901

Monochromacy



Original Color
69, 18.377, 299.685

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, 18.377, 299.685 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(171, 164, 197)` looks like.

```
.text, #text, p{  
    color:rgb(171, 164, 197)  
}
```

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(171, 164, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 164, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.377, 299.685 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(171, 164, 197) }
```

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

```
.border{ border-color:rgb(171, 164, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 164, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 164, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 164, 197);  
box-shadow:4px 4px 4px 4px rgb(171, 164,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.377, 299.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 164, 197) }
```

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

```
.background{ background-color: rgb(171,  
164, 197) }
```

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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