

Converting Colors

CIELCh(69, 18.747, 308.113)

Have a look what the booklet for
CIELCh(69, 18.747, 308.113)
contains.

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Color

CIELCh(69, 18.377, 307.664)

Conversions

Conversions Part 1

Format	Color
Hex	B1A3C3
RGB	177, 163, 195
RGB Percent	69%, 64%, 76%
CMY	0.3069, 0.3618, 0.2364
CMYK	0.09, 0.16, 0.00, 0.24
HSL	266°, 21%, 70%
HSV	266°, 16%, 76%
XYZ	40.9405, 39.3444, 56.9049
YIQ	170.8340, -1.9280, 12.9200

Conversions

Conversions Part 2

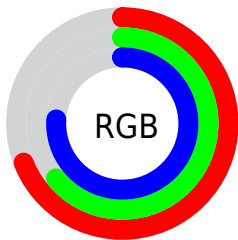
Format	Color
R_{YB}	177, 163, 195
Decimal	11641795
CIE _{Lab}	69.00, 11.23, -14.55
CIE _{LCh}	69, 18.377, 307.664
Yxy	39.3444, 0.2984, 0.2868
Android (android.graphics.Color)	4289831875 (0xFFB1A3C3)
YUV	170.8340, 11.9138, 5.4076
Hunter-Lab	62.7251, 6.7374, -9.8809

Details

The CIELCh color $69, 18.377, 307.664$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $77, 17.916, 126.080$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 18.542, 307.647$, and $49, 18.395, 307.760$ is the 20% darker color. If you saturate the color by 10%, you get $63, 29.994, 308.227$, and if you desaturate by 10%, it is $75, 7.083, 307.142$.

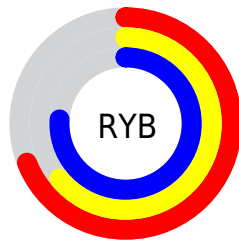
Distribution



Red (69%)

Green (64%)

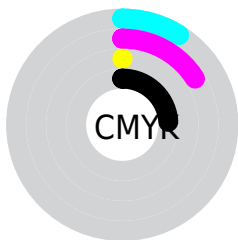
Blue (76%)



Red (69%)

Yellow (64%)

Blue (76%)

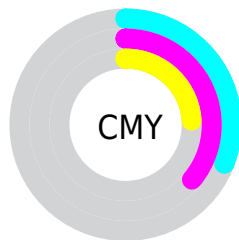


Cyan (9%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 18.377, 307.664 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, 307.664 by changing the saturation by 10% instead.

■ 69, 18.377,
307.664

■ 69, 18.377,
307.664

■ 100, 18.377,
307.664

■ 59, 18.377,
307.664

■ 89, 18.377,
307.664

■ 49, 18.377,
307.664

■ 99, 18.377,
307.664

■ 39, 18.377,
307.664

■ 29, 18.377,
307.664

■ 19, 18.377,
307.664

■ 9, 18.377, 307.664

■ 0, 18.377, 307.664

69, 18.377,
307.664

69, 18.377,
307.664

63, 29.994,
308.227

75, 7.083, 307.142

57, 41.882,
308.832

81, 3.860, 126.721

52, 53.916,
309.457

87, 14.452,
126.296

46, 65.865,
310.066

93, 24.702,
125.936

41, 77.327,
310.597

97, 31.724,
123.913

36, 87.670,
310.958

98, 30.774,
116.692

33, 96.037,
311.024

99, 30.371,
109.003

30, 101.621,

99, 30.361,
107.869

310.677

■ 29, 103.277,
310.529

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, 307.664



77, 17.916, 126.080

Rectangle

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



69, 18.377, 307.664



69, 18.377, 357.664



69, 18.377, 127.664



69, 18.377, 177.664

Sweetspot

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



69, 18.375, 307.663



95, 6.791, 307.073



73, 9.733, 249.998



51, 4.675, 307.110



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, 307.663



85, 27.781, 307.877



70, 20.674, 323.455



38, 6.250, 307.291



23, 89.405, 310.686



2, 20.021, 303.229

Inverse Universe

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



70, 15.559, 341.727



86, 23.456, 342.074



76, 20.612, 141.724



38, 5.313, 341.117



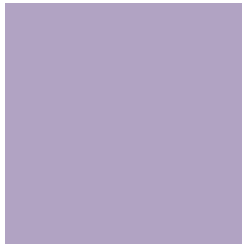
35, 61.051, 355.786



3, 16.440, 348.548

Previews

White Background



This preview shows how the CIELCh color 69, 18.377, 307.664 looks on a white background.

Color Contrast Check

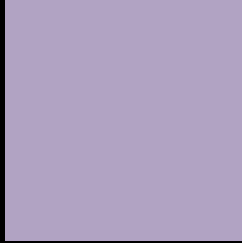
Large Text (above 18pt) WCAG AA × Fail

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, 18.377, 307.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

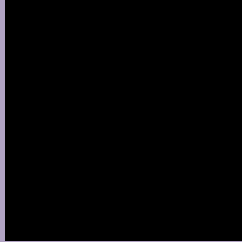
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 18.377, 307.664

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.377, 307.664.



This preview shows how white text looks on a background with the CIELCh color 69, 18.377, 307.664.

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, 307.664

Protanopia

69, 17.060, 287.212

Deuteranopia

69, 16.807, 301.551



Tritanopia
69, 7.773, 313.273

Trichromacy



Original Color
69, 18.377, 307.664

Protanomaly
69, 17.661, 295.348

Deuteranomaly
69, 16.946, 303.941

Tritanomaly
69, 11.638, 309.541

Monochromacy



Original Color
69, 18.377, 307.664

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.867, 306.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 18.377, 307.664 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(177, 163, 195)` looks like.

```
.text, #text, p{  
    color:rgb(177, 163, 195)  
}
```

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(177, 163, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 163, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.377, 307.664 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(177, 163, 195) }
```

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

```
.border{ border-color:rgb(177, 163, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 163, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 163, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 163, 195);  
box-shadow:4px 4px 4px 4px rgb(177, 163,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.377, 307.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 163, 195) }
```

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

```
.background{ background-color: rgb(177,  
163, 195) }
```

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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