

Converting Colors

CIELCh(70, 18.627, 309.839)

Have a look what the booklet for
CIELCh(70, 18.627, 309.839)
contains.

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Color

CIELCh(70, 18.545, 309.808)

Conversions

Conversions Part 1

Format	Color
Hex	B5A5C5
RGB	181, 165, 197
RGB Percent	71%, 65%, 77%
CMY	0.2903, 0.3530, 0.2276
CMYK	0.08, 0.16, 0.00, 0.23
HSL	270°, 22%, 71%
HSV	270°, 16%, 77%
XYZ	42.5731, 40.7494, 58.4261
YIQ	173.4320, -0.7360, 13.3440

Conversions

Conversions Part 2

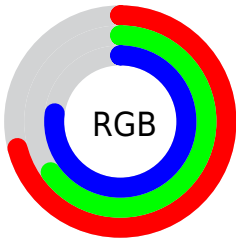
Format	Color
RYB	181, 165, 197
Decimal	11904453
CIELab	70.00, 11.87, -14.25
CIELCh	70, 18.545, 309.808
Yxy	40.7494, 0.3003, 0.2875
Android (android.graphics.Color)	4290094533 (0xFFB5A5C5)
YUV	173.4320, 11.6190, 6.6371
Hunter-Lab	63.8353, 7.3338, -9.5813

Details

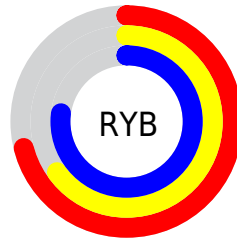
The CIELCh color $70, 18.545, 309.808$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $78, 18.138, 128.344$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 18.715, 309.677$, and $50, 18.551, 310.021$ is the 20% darker color. If you saturate the color by 10%, you get $64, 30.354, 310.320$, and if you desaturate by 10%, it is $76, 7.030, 309.324$.

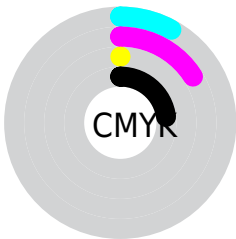
Distribution



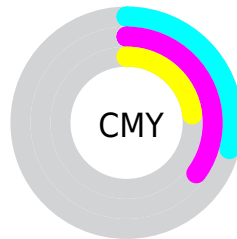
- Red (71%)
- Green (65%)
- Blue (77%)



- Red (71%)
- Yellow (65%)
- Blue (77%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (23%)





- Cyan (29%)
- Magenta (35%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 18.545, 309.808 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 70, 18.545, 309.808 by changing the saturation by 10% instead.


 70, 18.545,
309.808

 70, 18.545,
309.808


 100, 18.545,
309.808


 60, 18.545,
309.808


 90, 18.545,
309.808

 50, 18.545,
309.808

 40, 18.545,
309.808

 30, 18.545,
309.808

 20, 18.545,
309.808

 10, 18.545,
309.808

 0, 18.545, 309.808

70, 18.545,
309.808

70, 18.545,
309.808

64, 30.354,
310.320

76, 7.030, 309.324

58, 42.388,
310.857

82, 4.150, 128.940

53, 54.498,
311.397

88, 14.988,
128.535

48, 66.426,
311.904

93, 25.486,
128.191

43, 77.749,
312.316

97, 30.797,
125.361

38, 87.836,
312.550

98, 29.840,
118.764

35, 95.882,
312.494

98, 29.323,
111.707

32, 101.175,

99, 29.245,
107.955

312.047

■ 31, 102.790,
311.847

Harmonies

Complementary

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



70, 18.545, 309.808



78, 18.138, 128.344

Rectangle

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



70, 18.545, 309.808



70, 18.545, 359.808



70, 18.545, 129.808



70, 18.545, 179.808

Sweetspot

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



70, 18.543, 309.807



96, 6.933, 309.268



73, 10.074, 255.826



51, 4.734, 309.303



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 18.543, 309.807



86, 26.859, 309.960



71, 20.940, 324.854



39, 6.463, 309.474



25, 89.272, 312.002



2, 22.367, 305.920

Inverse Universe

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



71, 14.897, 345.020



88, 21.550, 345.313



76, 20.910, 143.027



39, 5.202, 344.383



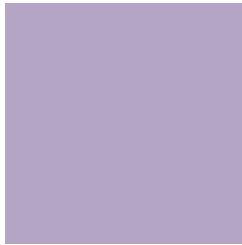
35, 60.737, 1.558



4, 17.857, 352.981

Previews

White Background



This preview shows how the CIELCh color 70, 18.545, 309.808 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 70, 18.545, 309.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

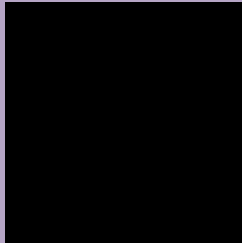
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 18.545, 309.808

Background



This preview shows how black text looks on a background with the CIELCh color 70, 18.545, 309.808.



This preview shows how white text looks on a background with the CIELCh color 70, 18.545, 309.808.

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

70, 18.545, 309.808

Protanopia

70, 16.486, 285.764

Deuteranopia

70, 16.818, 302.735



Tritanopia
70, 8.073, 318.165

Trichromacy



Original Color
70, 18.545, 309.808

Protanomaly
70, 17.057, 295.391

Deuteranomaly
70, 17.606, 305.864

Tritanomaly
70, 11.867, 312.917

Monochromacy



Original Color
70, 18.545, 309.808

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 6.964, 309.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 18.545, 309.808 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(181, 165, 197)` looks like.

```
.text, #text, p{  
    color:rgb(181, 165, 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(181, 165, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 165, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 18.545, 309.808 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(181, 165, 197) }
```

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

```
.border{ border-color:rgb(181, 165, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 165, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 165, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 165, 197); box-shadow:4px 4px 4px 4px rgb(181, 165, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 18.545, 309.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 165, 197) }
```

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

```
.background{ background-color: rgb(181,  
165, 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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