

Converting Colors

CIELCh(70, 15.440, 313.413)

Have a look what the booklet for
CIELCh(70, 15.440, 313.413)
contains.

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Color

CIELCh(70, 14.818, 313.024)

Conversions

Conversions Part 1

Format	Color
Hex	B5A6BF
RGB	181, 166, 191
RGB Percent	71%, 65%, 75%
CMY	0.2910, 0.3498, 0.2518
CMYK	0.05, 0.13, 0.00, 0.25
HSL	276°, 16%, 70%
HSV	276°, 13%, 75%
XYZ	41.9874, 40.7494, 54.8218
YIQ	173.3350, 0.9150, 10.9550

Conversions

Conversions Part 2

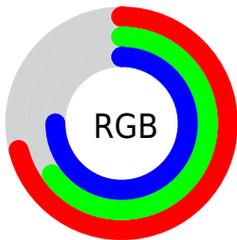
Format	Color
R_{YB}	181, 166, 191
Decimal	11904703
CIE Lab	70.00, 10.11, -10.83
CIE LCh	70, 14.818, 313.024
Yxy	40.7494, 0.3052, 0.2962
Android (android.graphics.Color)	4290094783 (0xFFB5A6BF)
YUV	173.3350, 8.7088, 6.7222
Hunter-Lab	63.8353, 5.6961, -6.2336

Details

The CIELCh color `70, 14.818, 313.024` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `76, 14.609, 131.934`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 14.695, 313.426`, and `50, 15.117, 312.646` is the 20% darker color. If you saturate the color by 10%, you get `65, 26.423, 313.477`, and if you desaturate by 10%, it is `76, 3.466, 312.566`.

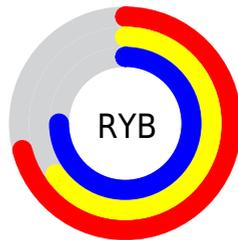
Distribution



Red (71%)

Green (65%)

Blue (75%)



Red (71%)

Yellow (65%)

Blue (75%)

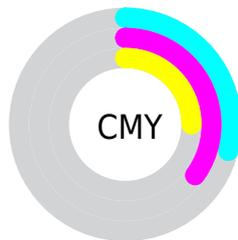


Cyan (5%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 14.818, 313.024 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, 14.818, 313.024 by changing the saturation by 10% instead.

 70, 14.818,
313.024

 70, 14.818,
313.024

 100, 14.818,
313.024

 60, 14.818,
313.024

 90, 14.818,
313.024

 50, 14.818,
313.024

 40, 14.818,
313.024

 30, 14.818,
313.024

 20, 14.818,
313.024

 10, 14.818,
313.024

 0, 14.818, 313.024

70, 14.818,
313.024

70, 14.818,
313.024

65, 26.423,
313.477

76, 3.466, 312.566

59, 38.201,
313.940

81, 7.583, 132.234

54, 49.998,
314.394

87, 18.314,
131.865

49, 61.562,
314.805

92, 28.723,
131.539

44, 72.505,
315.126

96, 35.201,
130.038

40, 82.277,
315.289

97, 34.173,
125.808

37, 90.201,
315.211

97, 33.345,
121.263

34, 95.644,

98, 32.746,
116.447

314.805

 98, 32.400,
111.426

 33, 98.226,
314.383

Harmonies

Complementary

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



70, 14.818, 313.024



76, 14.609, 131.934

Rectangle

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



70, 14.818, 313.024



70, 14.818, 3.024



70, 14.818, 133.024



70, 14.818, 183.024

Sweetspot

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



70, 14.816, 313.023



95, 5.529, 312.616



72, 8.692, 265.695



50, 3.964, 312.652



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 14.816, 313.023



86, 22.429, 313.164



71, 15.602, 327.499



37, 6.324, 312.856



26, 85.369, 314.537



2, 18.432, 308.600

Inverse Universe

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



70, 10.958, 350.579



87, 16.603, 350.906



75, 15.577, 145.977



37, 4.672, 350.199



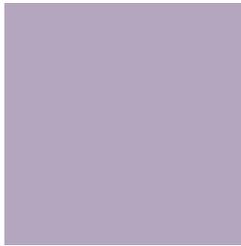
33, 59.262, 10.979



3, 13.293, 357.338

Previews

White Background



This preview shows how the CIELCh color 70, 14.818, 313.024 looks on a white background.

Color Contrast Check

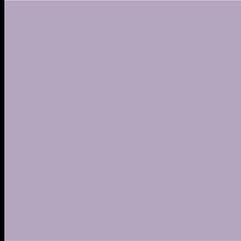
Large Text (above 18pt) WCAG AA × Fail

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, 14.818, 313.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

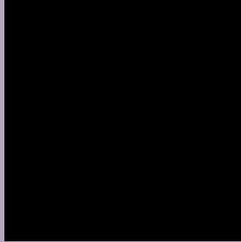
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

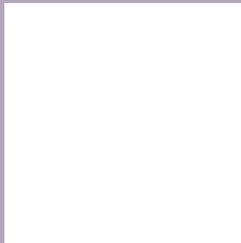
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 14.818, 313.024

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.818, 313.024.



This preview shows how white text looks on a background with the CIELCh color 70, 14.818, 313.024.

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, 14.818, 313.024

Protanopia

70, 12.608, 288.204

Deuteranopia

70, 13.918, 309.626



Tritanopia
70, 8.252, 320.473

Trichromacy



Original Color
70, 14.818, 313.024

Protanomaly
70, 13.318, 299.204

Deuteranomaly
70, 14.037, 311.047

Tritanomaly
70, 11.019, 316.822

Monochromacy



Original Color
70, 14.818, 313.024

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 5.438, 314.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.818, 313.024 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, 166, 191)` looks like.

```
.text, #text, p{  
    color:rgb(181, 166, 191)  
}
```

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, 166, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 166, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.818, 313.024 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, 166, 191) }
```

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

```
.border{ border-color:rgb(181, 166, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 166, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 166, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 166, 191);  
box-shadow:4px 4px 4px 4px rgb(181, 166,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.818, 313.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 166, 191) }
```

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

```
.background{ background-color: rgb(181,  
166, 191) }
```

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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