

Converting Colors

CIELCh(72, 18.665, 307.502)

Have a look what the booklet for
CIELCh(72, 18.665, 307.502)
contains.

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Color

CIELCh(72, 18.745, 307.192)

Conversions

Conversions Part 1

Format	Color
Hex	B9ABCC
RGB	185, 171, 204
RGB Percent	73%, 67%, 80%
CMY	0.2755, 0.3304, 0.2010
CMYK	0.09, 0.16, 0.00, 0.20
HSL	265°, 24%, 73%
HSV	265°, 16%, 80%
XYZ	45.3277, 43.6590, 62.9997
YIQ	178.9480, -2.2490, 13.2310

Conversions

Conversions Part 2

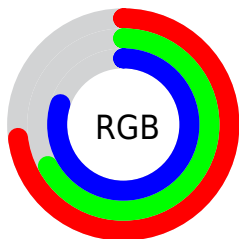
Format	Color
R _Y B	185, 171, 204
Decimal	12168140
CIE Lab	72.00, 11.33, -14.93
CIE LCh	72, 18.745, 307.192
Yxy	43.6590, 0.2982, 0.2873
Android (android.graphics.Color)	4290358220 (0xFFB9ABCC)
YUV	178.9480, 12.3506, 5.3076
Hunter-Lab	66.0750, 6.8204, -10.2780

Details

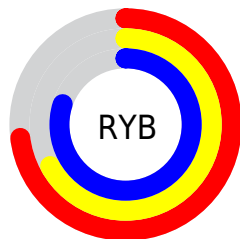
The CIELCh color $72, 18.745, 307.192$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $80, 18.268, 125.601$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 15.961, 310.170$, and $52, 18.740, 307.251$ is the 20% darker color. If you saturate the color by 10%, you get $66, 30.774, 307.769$, and if you desaturate by 10%, it is $78, 7.060, 306.659$.

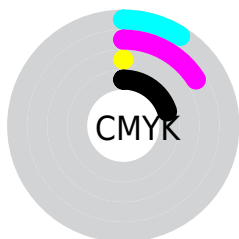
Distribution



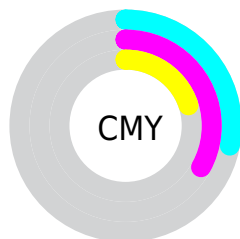
- Red (73%)
- Green (67%)
- Blue (80%)



- Red (73%)
- Yellow (67%)
- Blue (80%)



- Cyan (9%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)





- Cyan (28%)
- Magenta (33%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 18.745, 307.192 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 72, 18.745, 307.192 by changing the saturation by 10% instead.


 72, 18.745,
307.192


 72, 18.745,
307.192


 100, 18.745,
307.192


 62, 18.745,
307.192


 92, 18.745,
307.192

 52, 18.745,
307.192

 42, 18.745,
307.192

 32, 18.745,
307.192

 22, 18.745,
307.192

 12, 18.745,
307.192

 2, 18.745, 307.192

0, 18.745, 307.192

72, 18.745,
307.192

72, 18.745,
307.192

66, 30.774,
307.769

78, 7.060, 306.659

84, 4.256, 126.228

60, 43.097,
308.392

90, 15.205,
125.799

54, 55.589,
309.039

97, 25.796,
125.435

48, 68.018,
309.675

98, 26.273,
117.677

43, 79.969,
310.239

99, 25.866,
108.215

38, 90.783,
310.633

■ 34, 99.552,
310.730

■ 31, 105.385,
310.403

■ 30, 107.163,
310.240

Harmonies

Complementary

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



72, 18.745, 307.192



80, 18.268, 125.601

Rectangle

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



72, 18.745, 307.192



72, 18.745, 357.192



72, 18.745, 127.192



72, 18.745, 177.192

Sweetspot

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



72, 18.743, 307.191



96, 6.830, 306.601



76, 9.857, 247.935



51, 4.664, 306.638



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 18.743, 307.191



86, 26.512, 307.362



73, 21.037, 322.969



40, 6.505, 306.826



24, 91.766, 310.401



2, 24.228, 303.949

Inverse Universe

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



73, 16.052, 341.044



88, 22.651, 341.312



79, 20.963, 141.294



40, 5.595, 340.465



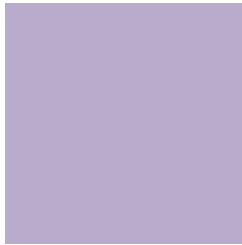
36, 62.757, 354.709



4, 20.790, 348.704

Previews

White Background



This preview shows how the CIELCh color 72, 18.745, 307.192 looks on a white background.

Color Contrast Check

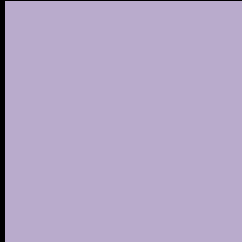
Large Text (above 18pt) WCAG AA × Fail

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 72, 18.745, 307.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

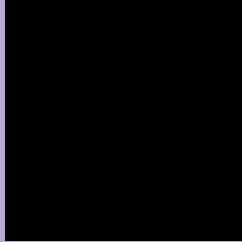
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 18.745, 307.192

Background



This preview shows how black text looks on a background with the CIELCh color 72, 18.745, 307.192.



This preview shows how white text looks on a background with the CIELCh color 72, 18.745, 307.192.

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

72, 18.745, 307.192

Protanopia

72, 17.480, 286.216

Deuteranopia

72, 17.263, 302.392



Tritanopia
72, 7.707, 313.260

Trichromacy



Original Color
72, 18.745, 307.192

Protanomaly
72, 18.031, 294.124

Deuteranomaly
72, 17.334, 303.548

Tritanomaly
72, 11.540, 309.521

Monochromacy



Original Color
72, 18.745, 307.192

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 6.809, 306.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 18.745, 307.192 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(185, 171, 204)` looks like.

```
.text, #text, p{  
    color:rgb(185, 171, 204)  
}
```

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(185, 171, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 171, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 18.745, 307.192 is called "border". The border property can be set on classes, ids or directly on the HTML element.

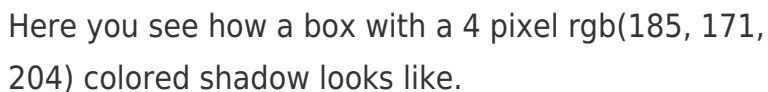
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 171, 204) }
```

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

```
.border{ border-color:rgb(185, 171, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 171, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 171, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 171, 204);  
box-shadow:4px 4px 4px 4px rgb(185, 171,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 18.745, 307.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 171, 204) }
```

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

```
.background{ background-color: rgb(185,  
171, 204) }
```

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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