

Converting Colors

CIELCh(72, 10.876, 306.585)

Have a look what the booklet for
CIELCh(72, 10.876, 306.585)
contains.

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Color

CIELCh(72, 10.804, 306.739)

Conversions

Conversions Part 1

Format	Color
Hex	B5ADC0
RGB	181, 173, 192
RGB Percent	71%, 68%, 75%
CMY	0.2892, 0.3205, 0.2460
CMYK	0.06, 0.10, 0.00, 0.25
HSL	265°, 13%, 72%
HSV	265°, 10%, 75%
XYZ	43.6540, 43.6590, 56.1485
YIQ	177.5580, -1.3310, 7.6050

Conversions

Conversions Part 2

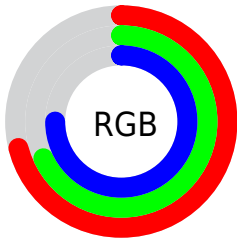
Format	Color
R_{YB}	181, 173, 192
Decimal	11906496
CIE Lab	72.00, 6.46, -8.66
CIE LCh	72, 10.804, 306.739
Yxy	43.6590, 0.3043, 0.3043
Android (android.graphics.Color)	4290096576 (0xFFB5ADC0)
YUV	177.5580, 7.1199, 3.0186
Hunter-Lab	66.0750, 2.2990, -4.1303

Details

The CIELCh color $72, 10.804, 306.739$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $77, 10.627, 125.801$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 10.869, 307.674$, and $52, 10.850, 305.747$ is the 20% darker color. If you saturate the color by 10%, you get $66, 22.067, 307.284$, and if you desaturate by 10%, it is $78, 0.116, 127.020$.

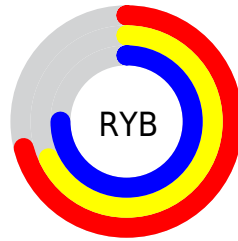
Distribution



Red (71%)

Green (68%)

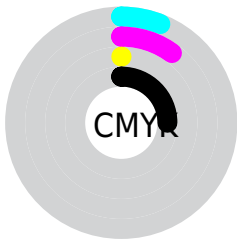
Blue (75%)



Red (71%)

Yellow (68%)

Blue (75%)

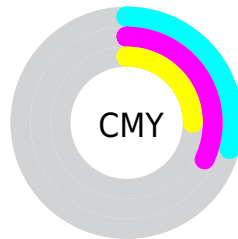


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (29%)


Magenta (32%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 10.804, 306.739 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, 10.804, 306.739 by changing the saturation by 10% instead.


 72, 10.804,
306.739


 72, 10.804,
306.739


 100, 10.804,
306.739


 62, 10.804,
306.739


 92, 10.804,
306.739

 52, 10.804,
306.739

 42, 10.804,
306.739

 32, 10.804,
306.739

 22, 10.804,
306.739

 12, 10.804,
306.739

 2, 10.804, 306.739

■ 0, 10.804, 306.739

■ 72, 10.804,
306.739

■ 72, 10.804,
306.739

■ 66, 22.067,
307.284

■ 78, 0.116, 127.020

■ 60, 33.649,
307.881

■ 84, 10.683,
125.832

■ 55, 45.480,
308.517

■ 90, 20.905,
125.448

■ 49, 57.412,
309.169

■ 95, 30.797,
125.115

■ 44, 69.174,
309.793

■ 97, 32.389,
119.887

■ 39, 80.301,
310.316

■ 98, 31.716,
112.535

■ 34, 90.078,
310.632

■ 99, 31.586,
107.775

■ 31, 97.597,
310.605

■ 28, 102.586,
310.225

Harmonies

Complementary

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



72, 10.804, 306.739



77, 10.627, 125.801

Rectangle

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



72, 10.804, 306.739



72, 10.804, 356.739



72, 10.804, 126.739



72, 10.804, 176.739

Sweetspot

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



72, 10.802, 306.736



96, 4.020, 306.378



74, 5.787, 247.108



51, 3.049, 306.423



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 10.802, 306.736



90, 16.285, 306.858



73, 12.204, 322.647



38, 6.231, 306.709



23, 89.710, 310.367



2, 19.978, 302.699

Inverse Universe

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



73, 9.314, 340.347



91, 14.023, 340.541



76, 12.167, 141.681



38, 5.374, 340.304



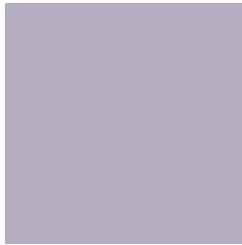
35, 61.430, 354.339



3, 16.622, 347.544

Previews

White Background



This preview shows how the CIELCh color 72, 10.804, 306.739 looks on a white background.

Color Contrast Check

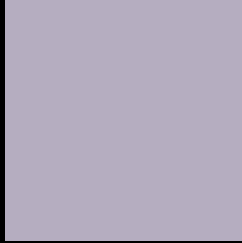
Large Text (above 18pt) WCAG AA × Fail

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 72, 10.804, 306.739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

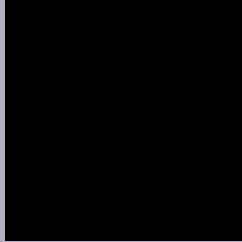
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 10.804, 306.739

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.804, 306.739.



This preview shows how white text looks on a background with the CIELCh color 72, 10.804, 306.739.

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, 10.804, 306.739

Protanopia

72, 10.356, 291.188

Deuteranopia

72, 12.590, 315.106



Tritanopia
72, 8.085, 309.382

Trichromacy



Original Color
72, 10.804, 306.739

Protanomaly
72, 10.437, 297.122

Deuteranomaly
72, 12.311, 311.974

Tritanomaly
72, 9.123, 307.244

Monochromacy



Original Color
72, 10.804, 306.739

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 3.988, 306.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.804, 306.739 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, 173, 192)` looks like.

```
.text, #text, p{  
    color:rgb(181, 173, 192)  
}
```

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, 173, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 173, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.804, 306.739 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, 173, 192) }
```

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

```
.border{ border-color:rgb(181, 173, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 173, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 173, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 173, 192);  
box-shadow:4px 4px 4px 4px rgb(181, 173,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.804, 306.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 173, 192) }
```

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

```
.background{ background-color: rgb(181,  
173, 192) }
```

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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