

Converting Colors

CIELCh(73, 21.318, 296.804)

Have a look what the booklet for
CIELCh(73, 21.318, 296.804)
contains.

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Color

CIELCh(73, 21.318, 296.804)

Conversions

Conversions Part 1

Format	Color
Hex	B4AFD6
RGB	180, 175, 214
RGB Percent	71%, 69%, 84%
CMY	0.2945, 0.3141, 0.1612
CMYK	0.16, 0.18, 0.00, 0.16
HSL	248°, 32%, 76%
HSV	248°, 18%, 84%
XYZ	46.2361, 45.1644, 69.8320
YIQ	180.9410, -9.5390, 13.1890

Conversions

Conversions Part 2

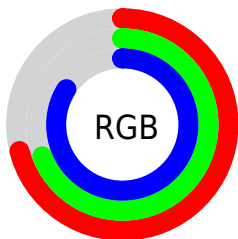
Format	Color
R_{YB}	180, 175, 214
Decimal	11841494
CIE Lab	73.00, 9.61, -19.03
CIE LCh	73, 21.318, 296.804
Yxy	45.1644, 0.2868, 0.2801
Android (android.graphics.Color)	4290031574 (0xFFB4AFD6)
YUV	180.9410, 16.2981, -0.8253
Hunter-Lab	67.2044, 5.1987, -14.5650

Details

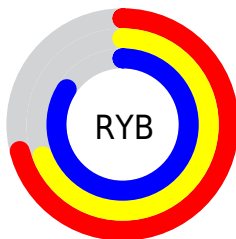
The CIELCh color $73, 21.318, 296.804$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $84, 20.464, 113.796$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 12.559, 298.981$, and $53, 20.942, 296.611$ is the 20% darker color. If you saturate the color by 10%, you get $66, 33.680, 297.881$, and if you desaturate by 10%, it is $80, 9.438, 295.874$.

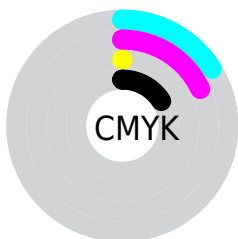
Distribution



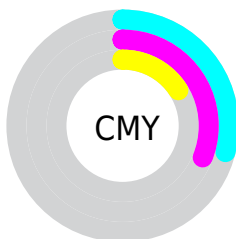
- Red (71%)
- Green (69%)
- Blue (84%)



- Red (71%)
- Yellow (69%)
- Blue (84%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (16%)





- Cyan (29%)
- Magenta (31%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 21.318, 296.804 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 73, 21.318, 296.804 by changing the saturation by 10% instead.

 73, 21.318,
296.804


 73, 21.318,
296.804


 100, 21.318,
296.804


 63, 21.318,
296.804


 93, 21.318,
296.804

 53, 21.318,
296.804

 43, 21.318,
296.804

 33, 21.318,
296.804

 23, 21.318,
296.804

 13, 21.318,
296.804

 3, 21.318, 296.804

■ 0, 21.318, 296.804

■ 73, 21.318,
296.804

■ 73, 21.318,
296.804

■ 66, 33.680,
297.881

■ 80, 9.438, 295.874

■ 87, 1.979, 115.067

■ 59, 46.534,
299.121

■ 94, 12.965,
114.392

■ 52, 59.838,
300.520

■ 99, 20.772,
109.115

■ 46, 73.429,
302.048

■ 99, 20.769,
108.605

■ 40, 86.896,
303.617

■ 34, 99.366,
305.062

■ 30, 109.373,
306.132

■ 27, 115.507,
306.629

■ 27, 116.395,
306.712

Harmonies

Complementary

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



73, 21.318, 296.804



84, 20.464, 113.796

Rectangle

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



73, 21.318, 296.804



73, 21.318, 346.804



73, 21.318, 116.804



73, 21.318, 166.804

Sweetspot

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



73, 21.316, 296.802



96, 6.577, 295.608



82, 12.024, 210.249



51, 4.492, 295.666



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 21.316, 296.802



82, 29.906, 297.214



75, 22.850, 313.810



41, 6.531, 295.977



20, 98.333, 306.786



2, 27.725, 297.234

Inverse Universe

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



76, 23.147, 329.211



86, 32.241, 329.455



83, 22.435, 132.244



42, 7.185, 328.671



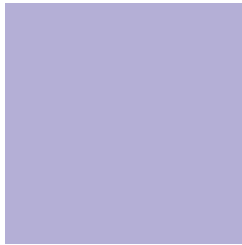
39, 77.473, 334.054



6, 30.000, 332.701

Previews

White Background



This preview shows how the CIELCh color 73, 21.318, 296.804 looks on a white background.

Color Contrast Check

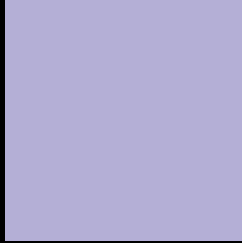
Large Text (above 18pt) WCAG AA × Fail

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 73, 21.318, 296.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

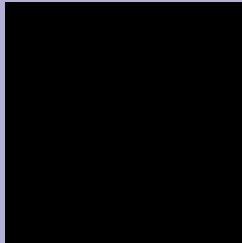
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 21.318, 296.804

Background



This preview shows how black text looks on a background with the CIELCh color 73, 21.318, 296.804.



This preview shows how white text looks on a background with the CIELCh color 73, 21.318, 296.804.

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

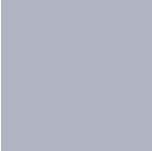
73, 21.318, 296.804

Protanopia

73, 21.243, 286.735

Deuteranopia

73, 21.290, 295.883



Tritanopia
73, 7.660, 282.820

Trichromacy



Original Color
73, 21.318, 296.804

Protanomaly
73, 21.206, 290.366

Deuteranomaly
73, 21.290, 295.883

Tritanomaly
73, 12.493, 289.758

Monochromacy



Original Color
73, 21.318, 296.804

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 7.646, 296.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 21.318, 296.804 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(180, 175, 214)` looks like.

```
.text, #text, p{  
    color:rgb(180, 175, 214)  
}
```

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(180, 175, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 175, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 21.318, 296.804 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(180, 175, 214) }
```

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

```
.border{ border-color:rgb(180, 175, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 175, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 175, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 175, 214);  
box-shadow:4px 4px 4px 4px rgb(180, 175,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 21.318, 296.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 175, 214) }
```

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

```
.background{ background-color: rgb(180,  
175, 214) }
```

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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