

Converting Colors

CIELCh(73, 19.801, 305.800)

Have a look what the booklet for
CIELCh(73, 19.801, 305.800)
contains.

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Color

CIELCh(73, 20.277, 306.018)

Conversions

Conversions Part 1

Format	Color
Hex	BBADD1
RGB	187, 173, 209
RGB Percent	73%, 68%, 82%
CMY	0.2659, 0.3208, 0.1796
CMYK	0.11, 0.17, 0.00, 0.18
HSL	263°, 28%, 75%
HSV	263°, 17%, 82%
XYZ	47.0559, 45.1644, 66.6897
YIQ	181.2900, -3.2120, 14.1640

Conversions

Conversions Part 2

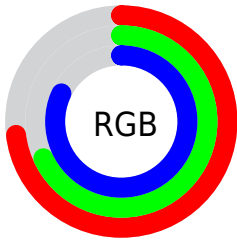
Format	Color
R _Y B	187, 173, 209
Decimal	12299729
CIE Lab	73.00, 11.92, -16.40
CIE LCh	73, 20.277, 306.018
Yxy	45.1644, 0.2961, 0.2842
Android (android.graphics.Color)	4290489809 (0xFFBBADD1)
YUV	181.2900, 13.6610, 5.0077
Hunter-Lab	67.2044, 7.3762, -11.7928

Details

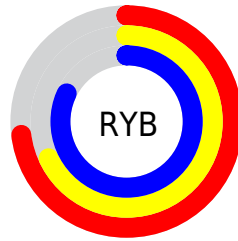
The CIELCh color `73, 20.277, 306.018` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `82, 19.695, 124.230`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 14.966, 311.434`, and `53, 20.360, 306.049` is the 20% darker color. If you saturate the color by 10%, you get `67, 32.560, 306.640`, and if you desaturate by 10%, it is `79, 8.361, 305.451`.

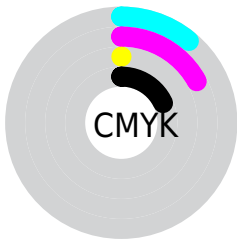
Distribution



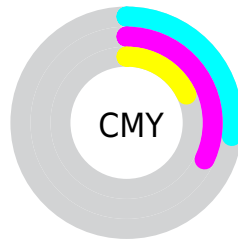
- Red (73%)
- Green (68%)
- Blue (82%)



- Red (73%)
- Yellow (68%)
- Blue (82%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)





- Cyan (27%)
- Magenta (32%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 20.277, 306.018 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, 20.277, 306.018 by changing the saturation by 10% instead.


 73, 20.277,
306.018


 73, 20.277,
306.018


 100, 20.277,
306.018


 63, 20.277,
306.018


 93, 20.277,
306.018

 53, 20.277,
306.018

 43, 20.277,
306.018

 33, 20.277,
306.018

 23, 20.277,
306.018

 13, 20.277,
306.018

 3, 20.277, 306.018

0, 20.277, 306.018

73, 20.277,
306.018

73, 20.277,
306.018

67, 32.560,
306.640

79, 8.361, 305.451

86, 3.167, 124.990

60, 45.163,
307.316

92, 14.310,
124.532

54, 57.964,
308.027

98, 24.013,
123.229

48, 70.720,
308.734

99, 23.187,
111.989

43, 82.997,
309.370

99, 23.129,
108.425

38, 94.077,
309.832

■ 34, 102.971,
309.977

■ 31, 108.773,
309.681

■ 30, 110.122,
309.583

Harmonies

Complementary

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



73, 20.277, 306.018



82, 19.695, 124.230

Rectangle

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



73, 20.277, 306.018



73, 20.277, 356.018



73, 20.277, 126.018



73, 20.277, 176.018

Sweetspot

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



73, 20.275, 306.017



96, 6.787, 305.334



78, 10.515, 243.895



51, 4.635, 305.373



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, 20.275, 306.017



84, 29.237, 306.261



75, 22.643, 322.053



41, 6.599, 305.571



24, 93.487, 309.744



2, 26.237, 303.523

Inverse Universe

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



75, 17.874, 339.419



87, 25.671, 339.761



81, 22.532, 140.330



41, 5.853, 338.780



37, 64.426, 351.718



5, 23.207, 346.537

Previews

White Background



This preview shows how the CIELCh color 73, 20.277, 306.018 looks on a white background.

Color Contrast Check

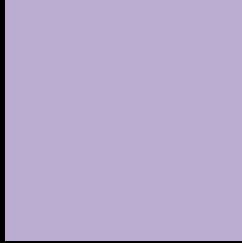
Large Text (above 18pt) WCAG AA × Fail

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, 20.277, 306.018 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, 20.277, 306.018

Background



This preview shows how black text looks on a background with the CIELCh color 73, 20.277, 306.018.



This preview shows how white text looks on a background with the CIELCh color 73, 20.277, 306.018.

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, 20.277, 306.018

Protanopia

73, 18.531, 285.597

Deuteranopia

73, 18.701, 299.425



Tritanopia
73, 8.195, 311.815

Trichromacy



Original Color
73, 20.277, 306.018

Protanomaly
73, 19.059, 294.064

Deuteranomaly
73, 19.426, 302.333

Tritanomaly
73, 12.550, 307.984

Monochromacy



Original Color
73, 20.277, 306.018

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 7.319, 305.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 20.277, 306.018 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(187, 173, 209)` looks like.

```
.text, #text, p{  
    color:rgb(187, 173, 209)  
}
```

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(187, 173, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 173, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 20.277, 306.018 is called "border". The border property can be set on classes, ids or directly on the HTML element.

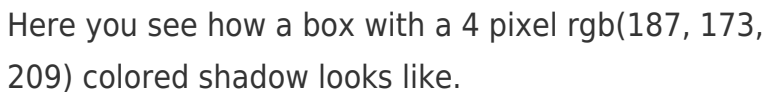
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 173, 209) }
```

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

```
.border{ border-color:rgb(187, 173, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 173, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 173, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 173, 209);  
box-shadow:4px 4px 4px 4px rgb(187, 173,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 20.277, 306.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 173, 209) }
```

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

```
.background{ background-color: rgb(187,  
173, 209) }
```

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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