

Converting Colors

CIELCh(73, 20.070, 309.659)

Have a look what the booklet for
CIELCh(73, 20.070, 309.659)
contains.

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Color

CIELCh(73, 20.043, 309.352)

Conversions

Conversions Part 1

Format	Color
Hex	BEADD0
RGB	190, 173, 208
RGB Percent	75%, 68%, 82%
CMY	0.2565, 0.3231, 0.1859
CMYK	0.09, 0.17, 0.00, 0.19
HSL	269°, 27%, 75%
HSV	269°, 17%, 81%
XYZ	47.3367, 45.1644, 65.6327
YIQ	182.0730, -1.1030, 14.4890

Conversions

Conversions Part 2

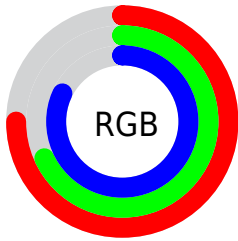
Format	Color
R_{YB}	190, 173, 208
Decimal	12496336
CIE _{Lab}	73.00, 12.71, -15.50
CIE _{LCh}	73, 20.043, 309.352
Yxy	45.1644, 0.2993, 0.2856
Android (android.graphics.Color)	4290686416 (0xFFBEADD0)
YUV	182.0730, 12.7820, 6.9520
Hunter-Lab	67.2044, 8.1220, -10.8602

Details

The CIELCh color $73, 20.043, 309.352$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $81, 19.572, 127.803$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 15.358, 315.101$, and $53, 19.989, 308.504$ is the 20% darker color. If you saturate the color by 10%, you get $67, 32.365, 309.878$, and if you desaturate by 10%, it is $79, 8.034, 308.858$.

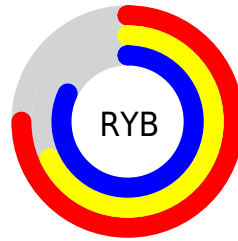
Distribution



Red (75%)

Green (68%)

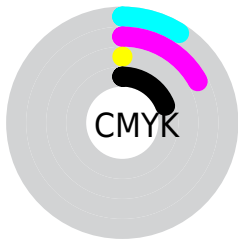
Blue (82%)



Red (75%)

Yellow (68%)

Blue (82%)

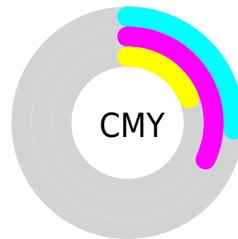


Cyan (9%)

Magenta (17%)

Yellow (0%)

Black (19%)



Cyan (26%)


Magenta (32%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 20.043, 309.352 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, 20.043, 309.352 by changing the saturation by 10% instead.


 73, 20.043,
309.352


 73, 20.043,
309.352


 100, 20.043,
309.352


 63, 20.043,
309.352


 93, 20.043,
309.352

 53, 20.043,
309.352

 43, 20.043,
309.352

 33, 20.043,
309.352

 23, 20.043,
309.352

 13, 20.043,
309.352

 3, 20.043, 309.352

■ 0, 20.043, 309.352

■ 73, 20.043,
309.352

■ 73, 20.043,
309.352

■ 67, 32.365,
309.878

■ 79, 8.034, 308.858

■ 85, 3.621, 128.465

■ 61, 44.926,
310.433

■ 91, 14.914,
128.048

■ 55, 57.571,
310.992

■ 97, 25.473,
127.457

■ 49, 70.023,
311.517

■ 98, 24.400,
118.873

■ 44, 81.826,
311.945

■ 99, 23.946,
109.558

■ 40, 92.297,
312.186

■ 99, 23.937,

■ 36, 100.567,
312.124

108.363

■ 33, 105.905,
311.658

■ 32, 107.280,
311.487

Harmonies

Complementary

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



73, 20.043, 309.352



81, 19.572, 127.803

Rectangle

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



73, 20.043, 309.352



73, 20.043, 359.352



73, 20.043, 129.352



73, 20.043, 179.352

Sweetspot

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



73, 20.041, 309.351



96, 6.912, 308.770



76, 10.902, 255.929



51, 4.720, 308.805



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, 20.041, 309.351



86, 28.238, 309.526



75, 22.676, 324.890



41, 6.716, 308.981



26, 91.625, 311.654



3, 26.664, 306.934

Inverse Universe

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



74, 16.290, 344.299



87, 22.913, 344.624



80, 22.645, 142.980



41, 5.473, 343.615



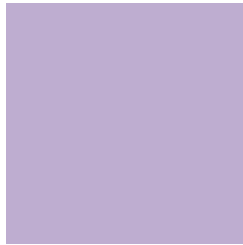
36, 62.288, 0.330



5, 21.961, 353.013

Previews

White Background



This preview shows how the CIELCh color 73, 20.043, 309.352 looks on a white background.

Color Contrast Check

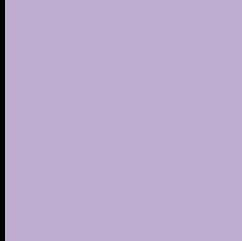
Large Text (above 18pt) WCAG AA × Fail

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, 20.043, 309.352 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, 20.043, 309.352

Background



This preview shows how black text looks on a background with the CIELCh color 73, 20.043, 309.352.



This preview shows how white text looks on a background with the CIELCh color 73, 20.043, 309.352.

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, 20.043, 309.352

Protanopia

73, 17.965, 286.416

Deuteranopia

73, 17.681, 300.955



Tritanopia
73, 8.657, 318.678

Trichromacy



Original Color
73, 20.043, 309.352

Protanomaly
73, 18.538, 295.149

Deuteranomaly
73, 18.433, 303.976

Tritanomaly
73, 12.407, 313.549

Monochromacy



Original Color
73, 20.043, 309.352

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.899, 309.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 20.043, 309.352 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(190, 173, 208)` looks like.

```
.text, #text, p{  
    color:rgb(190, 173, 208)  
}
```

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(190, 173, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 173, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 20.043, 309.352 is called "border". The border property can be set on classes, ids or directly on the HTML element.

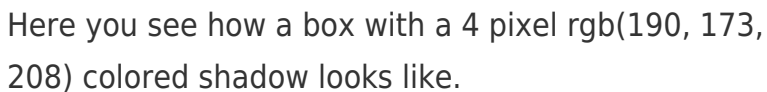
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 173, 208) }
```

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

```
.border{ border-color:rgb(190, 173, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 173, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 173, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 173, 208);  
box-shadow:4px 4px 4px 4px rgb(190, 173,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 20.043, 309.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 173, 208) }
```

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

```
.background{ background-color: rgb(190,  
173, 208) }
```

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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