

Converting Colors

CIE LCh(73, 20.025, 303.069)

Have a look what the booklet for
CIELCh(73, 20.025, 303.069)
contains.

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Color

CIELCh(73, 20.025, 303.069)

Conversions

Conversions Part 1

Format	Color
Hex	B9AED2
RGB	185, 174, 210
RGB Percent	73%, 68%, 82%
CMY	0.2750, 0.3182, 0.1770
CMYK	0.12, 0.17, 0.00, 0.18
HSL	258°, 29%, 75%
HSV	258°, 17%, 82%
XYZ	46.7009, 45.1644, 67.1390
YIQ	181.3930, -5.0000, 13.5280

Conversions

Conversions Part 2

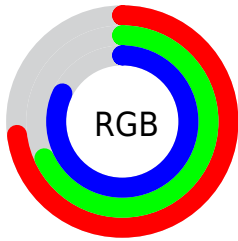
Format	Color
RYB	185, 174, 210
Decimal	12168914
CIELab	73.00, 10.93, -16.78
CIELCh	73, 20.025, 303.069
Yxy	45.1644, 0.2937, 0.2840
Android (android.graphics.Color)	4290358994 (0xFFB9AED2)
YUV	181.3930, 14.1033, 3.1633
Hunter-Lab	67.2044, 6.4334, -12.1891

Details

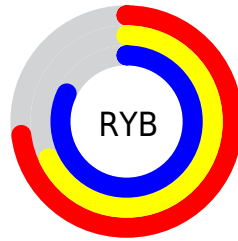
The CIELCh color $73, 20.025, 303.069$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $82, 19.379, 121.033$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 14.130, 308.187$, and $53, 19.540, 303.241$ is the 20% darker color. If you saturate the color by 10%, you get $66, 32.253, 303.801$, and if you desaturate by 10%, it is $80, 8.206, 302.415$.

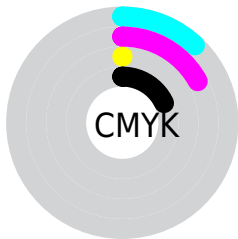
Distribution



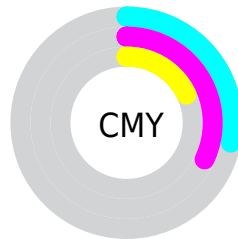
- Red (73%)
- Green (68%)
- Blue (82%)



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



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)





- Cyan (28%)
- Magenta (32%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 20.025, 303.069 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, 20.025, 303.069 by changing the saturation by 10% instead.


 73, 20.025,
303.069


 73, 20.025,
303.069


 100, 20.025,
303.069


 63, 20.025,
303.069


 93, 20.025,
303.069

 53, 20.025,
303.069

 43, 20.025,
303.069

 33, 20.025,
303.069

 23, 20.025,
303.069

 13, 20.025,
303.069

 3, 20.025, 303.069

■ 0, 20.025, 303.069

■ 73, 20.025,
303.069

■ 73, 20.025,
303.069

■ 66, 32.253,
303.801

■ 80, 8.206, 302.415

■ 60, 44.864,
304.616

■ 86, 3.198, 121.870

■ 54, 57.768,
305.498

■ 92, 14.203,
121.364

■ 48, 70.758,
306.413

■ 98, 23.266,
119.278

■ 42, 83.424,
307.292

■ 99, 22.797,
108.450

■ 37, 95.033,
308.018

■ 32, 104.485,
308.424

■ 29, 110.672,
308.356

■ 29, 112.121,
308.321

Harmonies

Complementary

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



73, 20.025, 303.069



82, 19.379, 121.033

Rectangle

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



73, 20.025, 303.069



73, 20.025, 353.069



73, 20.025, 123.069



73, 20.025, 173.069

Sweetspot

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



73, 20.023, 303.068



96, 6.699, 302.287



79, 10.321, 233.028



51, 4.575, 302.331



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, 20.023, 303.068



84, 28.922, 303.357



75, 22.111, 319.562



41, 6.517, 302.556



22, 94.960, 308.462



2, 25.987, 300.985

Inverse Universe

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



75, 18.925, 335.693



87, 27.190, 336.002



81, 21.927, 137.986



41, 6.210, 335.120



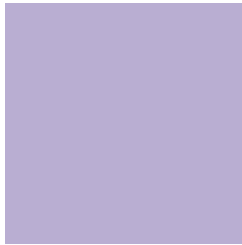
37, 67.476, 345.136



5, 24.601, 341.253

Previews

White Background



This preview shows how the CIELCh color 73, 20.025, 303.069 looks on a white background.

Color Contrast Check

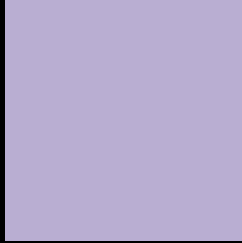
Large Text (above 18pt) WCAG AA × Fail

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, 20.025, 303.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

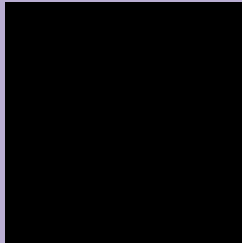
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 20.025, 303.069

Background



This preview shows how black text looks on a background with the CIELCh color 73, 20.025, 303.069.



This preview shows how white text looks on a background with the CIELCh color 73, 20.025, 303.069.

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, 20.025, 303.069

Protanopia

73, 18.531, 285.597

Deuteranopia

73, 19.239, 299.246



Tritanopia
73, 7.853, 304.310

Trichromacy



Original Color
73, 20.025, 303.069

Protanomaly
73, 19.045, 293.029

Deuteranomaly
73, 19.288, 300.276

Tritanomaly
73, 12.264, 303.122

Monochromacy



Original Color
73, 20.025, 303.069

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 7.233, 302.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 20.025, 303.069 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, 174, 210)` looks like.

```
.text, #text, p{  
    color:rgb(185, 174, 210)  
}
```

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, 174, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 174, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 20.025, 303.069 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, 174, 210) }
```

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

```
.border{ border-color:rgb(185, 174, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 174, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 174, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 174, 210);  
box-shadow:4px 4px 4px 4px rgb(185, 174,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 20.025, 303.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 174, 210) }
```

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

```
.background{ background-color: rgb(185,  
174, 210) }
```

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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