

Converting Colors

CIELCh(73, 10.191, 314.418)

Have a look what the booklet for
CIELCh(73, 10.191, 314.418)
contains.

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Color

CIELCh(73, 10.773, 315.038)

Conversions

Conversions Part 1

Format	Color
Hex	BBAFC1
RGB	187, 175, 193
RGB Percent	73%, 69%, 76%
CMY	0.2660, 0.3131, 0.2425
CMYK	0.03, 0.09, 0.00, 0.24
HSL	280°, 13%, 72%
HSV	280°, 9%, 76%
XYZ	45.5375, 45.1644, 56.8644
YIQ	180.6400, 1.3740, 8.1420

Conversions

Conversions Part 2

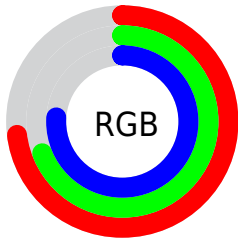
Format	Color
RYB	187, 175, 193
Decimal	12300225
CIELab	73.00, 7.62, -7.61
CIELCh	73, 10.773, 315.038
Yxy	45.1644, 0.3086, 0.3061
Android (android.graphics.Color)	4290490305 (0xFFBBAFC1)
YUV	180.6400, 6.0935, 5.5777
Hunter-Lab	67.2044, 3.3433, -3.1245

Details

The CIELCh color $73, 10.773, 315.038$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 10.676, 134.291$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 10.247, 314.951$, and $53, 10.772, 314.514$ is the 20% darker color. If you saturate the color by 10%, you get $68, 22.563, 315.475$, and if you desaturate by 10%, it is $79, 0.768, 134.858$.

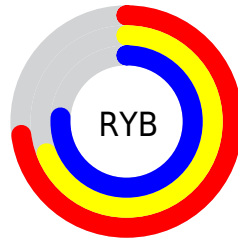
Distribution



Red (73%)

Green (69%)

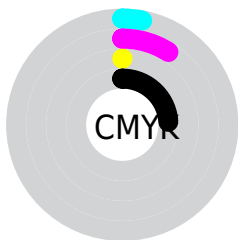
Blue (76%)



Red (73%)

Yellow (69%)

Blue (76%)

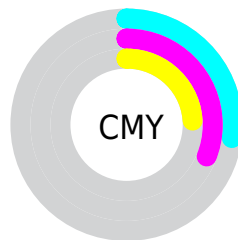


Cyan (3%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (27%)


Magenta (31%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 10.773, 315.038 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, 10.773, 315.038 by changing the saturation by 10% instead.


 73, 10.773,
315.038


 73, 10.773,
315.038


 100, 10.773,
315.038


 63, 10.773,
315.038


 93, 10.773,
315.038

 53, 10.773,
315.038

 43, 10.773,
315.038

 33, 10.773,
315.038

 23, 10.773,
315.038

 13, 10.773,
315.038

 3, 10.773, 315.038

0, 10.773, 315.038

73, 10.773,
315.038

73, 10.773,
315.038

68, 22.563,
315.475

79, 0.768, 134.858

62, 34.521,
315.917

84, 12.009,
134.273

57, 46.497,
316.347

90, 22.931,
133.914

52, 58.250,
316.739

95, 33.531,
133.592

47, 69.418,
317.052

96, 34.042,
130.594

43, 79.495,
317.232

97, 33.149,
126.943

40, 87.858,
317.210

97, 32.398,
123.049

37, 93.898,
316.914

97, 31.808,
118.935

35, 97.575,
316.340

98, 31.396,
114.639

Harmonies

Complementary

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



73, 10.773, 315.038



77, 10.676, 134.291

Rectangle

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



73, 10.773, 315.038



73, 10.773, 5.038



73, 10.773, 135.038



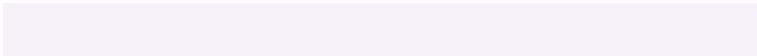
73, 10.773, 185.038

Sweetspot

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



73, 10.771, 315.036



96, 4.249, 314.744



74, 6.691, 271.022



51, 3.222, 314.787



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



73, 10.771, 315.036



91, 15.703, 315.117



73, 10.680, 329.368



38, 6.570, 315.039



29, 85.247, 316.437



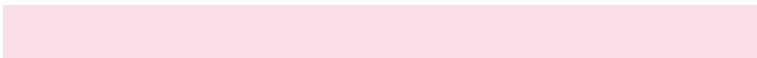
3, 20.996, 311.752

Inverse Universe

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



73, 7.536, 354.500



91, 11.003, 354.696



76, 10.654, 148.287



38, 4.597, 354.506



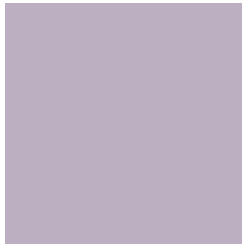
34, 61.017, 17.384



3, 14.752, 1.775

Previews

White Background



This preview shows how the CIELCh color 73, 10.773, 315.038 looks on a white background.

Color Contrast Check

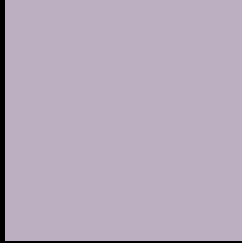
Large Text (above 18pt) WCAG AA × Fail

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, 10.773, 315.038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

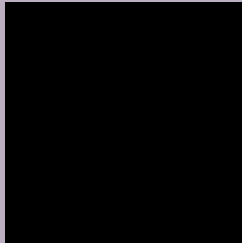
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 10.773, 315.038

Background



This preview shows how black text looks on a background with the CIELCh color 73, 10.773, 315.038.



This preview shows how white text looks on a background with the CIELCh color 73, 10.773, 315.038.

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, 10.773, 315.038

Protanopia

73, 9.238, 291.071

Deuteranopia

73, 11.929, 320.484



Tritanopia
73, 8.657, 318.678

Trichromacy



Original Color
73, 10.773, 315.038

Protanomaly
73, 9.378, 299.924

Deuteranomaly
73, 11.753, 318.907

Tritanomaly
73, 9.138, 317.088

Monochromacy



Original Color
73, 10.773, 315.038

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 3.598, 314.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 10.773, 315.038 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, 175, 193)` looks like.

```
.text, #text, p{  
    color:rgb(187, 175, 193)  
}
```

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, 175, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 175, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 10.773, 315.038 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, 175, 193) }
```

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

```
.border{ border-color:rgb(187, 175, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 175, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 175, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 175, 193);  
box-shadow:4px 4px 4px 4px rgb(187, 175,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 10.773, 315.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 175, 193) }
```

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

```
.background{ background-color: rgb(187,  
175, 193) }
```

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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