

Converting Colors

CIELCh(73, 25.000, 290.259)

Have a look what the booklet for
CIELCh(73, 25.000, 290.259)
contains.

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Color

CIELCh(73, 25.000, 290.259)

Conversions

Conversions Part 1	
Format	Color
Hex	ADB0DE
RGB	173, 176, 222
RGB Percent	68%, 69%, 87%
CMY	0.3219, 0.3101, 0.1297
CMYK	0.22, 0.21, 0.00, 0.13
HSL	236°, 43%, 77%
HSV	236°, 22%, 87%
XYZ	45.8995, 45.1644, 75.3470
YIQ	180.3470, -16.5540, 13.6700

Conversions

Conversions Part 2

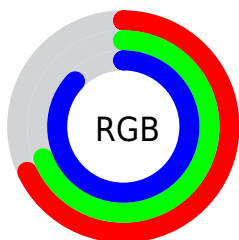
Format	Color
RYB	173, 176, 222
Decimal	11383006
CIELab	73.00, 8.66, -23.45
CIELCh	73, 25.000, 290.259
Yxy	45.1644, 0.2758, 0.2714
Android (android.graphics.Color)	4289573086 (0xFFADB0DE)
YUV	180.3470, 20.5349, -6.4433
Hunter-Lab	67.2044, 4.3047, -19.4305

Details

The CIELCh color **73, 25.000, 290.259** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **87, 23.900, 105.348**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.920, 286.219**, and **53, 24.891, 290.048** is the 20% darker color. If you saturate the color by 10%, you get **66, 37.053, 291.804**, and if you desaturate by 10%, it is **80, 13.418, 288.944**.

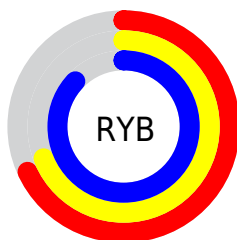
Distribution



Red (68%)

Green (69%)

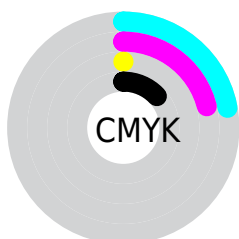
Blue (87%)



Red (68%)

Yellow (69%)

Blue (87%)

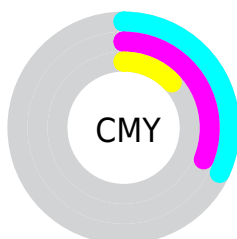


Cyan (22%)

Magenta (21%)

Yellow (0%)

Black (13%)



Cyan (32%)


Magenta (31%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 25.000, 290.259 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, 25.000, 290.259 by changing the saturation by 10% instead.


 73, 25.000,
290.259


 73, 25.000,
290.259


 100, 25.000,
290.259


 63, 25.000,
290.259


 93, 25.000,
290.259

 53, 25.000,
290.259

 43, 25.000,
290.259

 33, 25.000,
290.259

 23, 25.000,
290.259

 13, 25.000,
290.259

 3, 25.000, 290.259

0, 25.000, 290.259

73, 25.000,
290.259

73, 25.000,
290.259

66, 37.053,
291.804

80, 13.418,
288.944

59, 49.613,
293.611

87, 2.274, 287.860

52, 62.676,
295.688

94, 8.466, 106.852

99, 16.733,
108.913

46, 76.137,
298.002

39, 89.633,
300.441

34, 102.288,
302.781

■ 30, 112.553,
304.698

■ 28, 117.879,
305.686

Harmonies

Complementary

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



73, 25.000, 290.259



87, 23.900, 105.348

Rectangle

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



73, 25.000, 290.259



73, 25.000, 340.259



73, 25.000, 110.259



73, 25.000, 160.259

Sweetspot

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



73, 24.998, 290.258



95, 8.627, 288.364



85, 16.786, 192.355



50, 5.611, 288.431



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, 24.998, 290.258



80, 33.221, 290.866



74, 27.683, 307.846



43, 6.335, 288.634



21, 98.483, 305.507



3, 30.287, 294.570

Inverse Universe

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



75, 19.078, 16.252



83, 25.501, 16.741



86, 26.735, 125.637



44, 4.736, 14.977



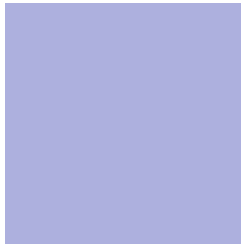
36, 76.566, 37.469



6, 25.407, 18.362

Previews

White Background



This preview shows how the CIELCh color 73, 25.000, 290.259 looks on a white background.

Color Contrast Check

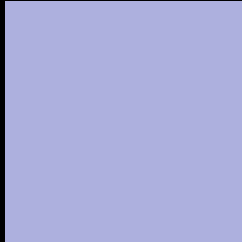
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 25.000, 290.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

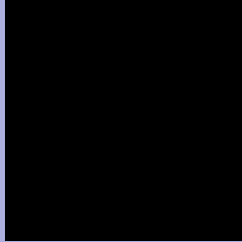
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 25.000, 290.259

Background



This preview shows how black text looks on a background with the CIELCh color 73, 25.000, 290.259.



This preview shows how white text looks on a background with the CIELCh color 73, 25.000, 290.259.

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, 25.000, 290.259

Protanopia

73, 25.088, 285.764

Deuteranopia

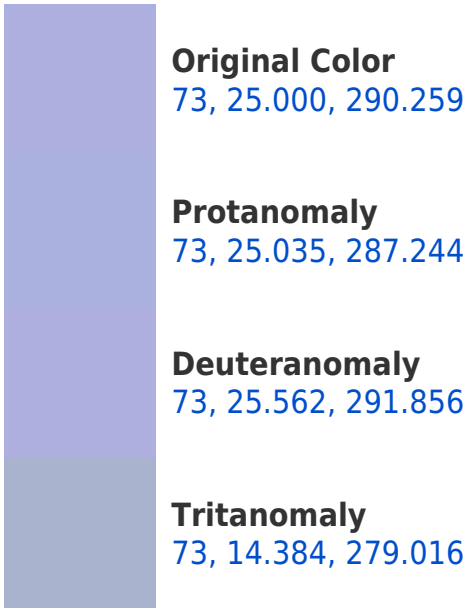
73, 25.565, 292.599



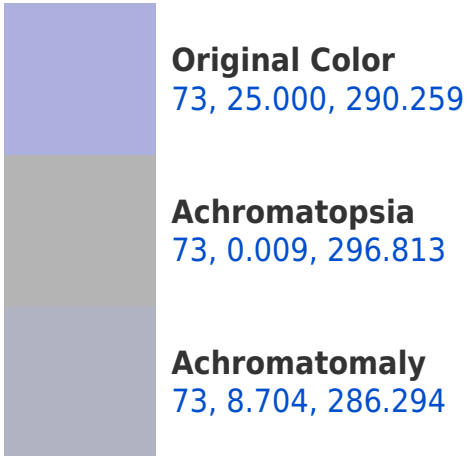
Tritanopia

73, 8.788, 259.317

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 25.000, 290.259 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(173, 176, 222)` looks like.

```
.text, #text, p{  
    color:rgb(173, 176, 222)  
}
```

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(173, 176, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 176, 222) }
```

Border

The CSS property to change the border of an element to CIElCh 73, 25.000, 290.259 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(173, 176, 222) }
```

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

```
.border{ border-color:rgb(173, 176, 222) }
```

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

Here you see how a box with a 4 pixel rgb(173, 176, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 176, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 176, 222);  
box-shadow:4px 4px 4px 4px rgb(173, 176,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 25.000, 290.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 176, 222) }
```

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

```
.background{ background-color: rgb(173,  
176, 222) }
```

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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