

Converting Colors

CIELCh(73, 25.955, 293.809)

Have a look what the booklet for
CIELCh(73, 25.955, 293.809)
contains.

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Color

CIELCh(73, 25.572, 293.345)

Conversions

Conversions Part 1

Format	Color
Hex	B0AFDE
RGB	176, 175, 222
RGB Percent	69%, 69%, 87%
CMY	0.3098, 0.3137, 0.1294
CMYK	0.21, 0.21, 0.00, 0.13
HSL	241°, 42%, 78%
HSV	241°, 21%, 87%
XYZ	46.4198, 45.1644, 75.3791
YIQ	180.6570, -14.4910, 14.8290

Conversions

Conversions Part 2

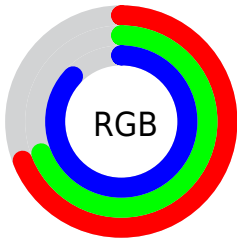
Format	Color
RYB	176, 175, 222
Decimal	11579358
CIELab	73.00, 10.13, -23.48
CIELCh	73, 25.572, 293.345
Yxy	45.1644, 0.2780, 0.2705
Android (android.graphics.Color)	4289769438 (0xFFB0AFDE)
YUV	180.6570, 20.3821, -4.0842
Hunter-Lab	67.2044, 5.6867, -19.4589

Details

The CIELCh color `73, 25.572, 293.345` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `87, 24.340, 109.035`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 12.975, 294.213`, and `53, 25.487, 293.256` is the 20% darker color. If you saturate the color by 10%, you get `66, 38.453, 294.753`, and if you desaturate by 10%, it is `80, 13.220, 292.146`.

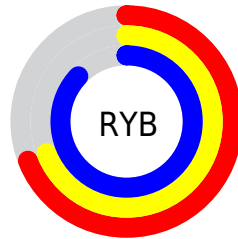
Distribution



Red (69%)

Green (69%)

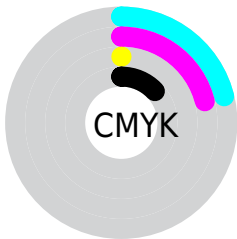
Blue (87%)



Red (69%)

Yellow (69%)

Blue (87%)

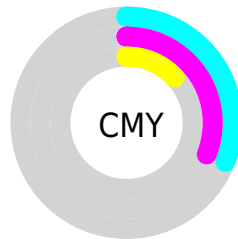


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (13%)



Cyan (31%)

Magenta (31%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 25.572, 293.345 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, 25.572, 293.345 by changing the saturation by 10% instead.

■ 73, 25.572,
293.345

■ 73, 25.572,
293.345

■ 100, 25.572,
293.345

■ 63, 25.572,
293.345

■ 93, 25.572,
293.345

■ 53, 25.572,
293.345

■ 43, 25.572,
293.345

■ 33, 25.572,
293.345

■ 23, 25.572,
293.345

■ 13, 25.572,
293.345

■ 3, 25.572, 293.345

0, 25.572, 293.345

73, 25.572,
293.345

73, 25.572,
293.345

66, 38.453,
294.753

80, 13.220,
292.146

58, 51.888,
296.393

88, 1.367, 291.168

51, 65.837,
298.265

95, 10.027,
110.253

44, 80.103,
300.319

99, 16.690,
108.916

38, 94.126,
302.422

33, 106.687,
304.318

■ 29,115.877,
305.674

■ 28,120.417,
306.337

Harmonies

Complementary

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



73, 25.572, 293.345



87, 24.340, 109.035

Rectangle

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



73, 25.572, 293.345



73, 25.572, 343.345



73, 25.572, 113.345



73, 25.572, 163.345

Sweetspot

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



73, 25.570, 293.344



95, 7.869, 291.608



85, 15.635, 199.875



50, 5.226, 291.674



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, 25.570, 293.344



80, 34.075, 293.884



75, 26.899, 310.627



43, 6.757, 291.960



21, 101.194, 306.354



2, 31.663, 296.346

Inverse Universe

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



77, 29.828, 326.175



85, 39.409, 326.397



86, 26.158, 128.691



44, 8.037, 325.513



42, 86.051, 329.091



8, 35.421, 328.943

Previews

White Background



This preview shows how the CIELCh color 73, 25.572, 293.345 looks on a white background.

Color Contrast Check

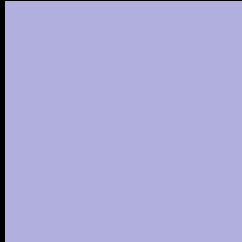
Large Text (above 18pt) WCAG AA × Fail

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, 25.572, 293.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

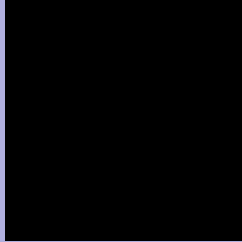
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 25.572, 293.345

Background



This preview shows how black text looks on a background with the CIELCh color 73, 25.572, 293.345.



This preview shows how white text looks on a background with the CIELCh color 73, 25.572, 293.345.

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, 25.572, 293.345

Protanopia

73, 25.624, 285.973

Deuteranopia

73, 25.565, 292.599



Tritanopia
73, 8.185, 267.840

Trichromacy



Original Color
73, 25.572, 293.345

Protanomaly
73, 25.563, 288.892

Deuteranomaly
73, 25.565, 292.599

Tritanomaly
73, 14.196, 284.482

Monochromacy



Original Color
73, 25.572, 293.345

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 9.228, 291.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 25.572, 293.345 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(176, 175, 222)` looks like.

```
.text, #text, p{  
    color:rgb(176, 175, 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(176, 175, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 175, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 25.572, 293.345 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(176, 175, 222) }
```

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

```
.border{ border-color:rgb(176, 175, 222) }
```

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

Here you see how a box with a 4 pixel rgb(176, 175, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 175, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 175, 222);  
box-shadow:4px 4px 4px 4px rgb(176, 175,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 25.572, 293.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 175, 222) }
```

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

```
.background{ background-color: rgb(176,  
175, 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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