

Converting Colors

CIELCh(73, 23.403, 288.310)

Have a look what the booklet for
CIELCh(73, 23.403, 288.310)
contains.

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Color

CIELCh(73, 23.379, 288.296)

Conversions

Conversions Part 1

Format	Color
Hex	ACB1DC
RGB	172, 177, 220
RGB Percent	67%, 69%, 86%
CMY	0.3270, 0.3074, 0.1388
CMYK	0.22, 0.20, 0.00, 0.14
HSL	234°, 40%, 77%
HSV	234°, 22%, 86%
XYZ	45.4386, 45.1644, 73.7531
YIQ	180.4070, -16.7830, 12.3130

Conversions

Conversions Part 2

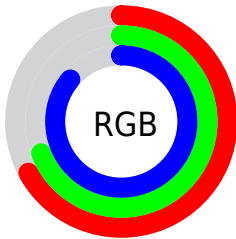
Format	Color
RYB	172, 177, 220
Decimal	11317724
CIELab	73.00, 7.34, -22.20
CIELCh	73, 23.379, 288.296
Yxy	45.1644, 0.2765, 0.2748
Android (android.graphics.Color)	4289507804 (0xFFACB1DC)
YUV	180.4070, 19.5193, -7.3729
Hunter-Lab	67.2044, 3.0806, -18.0244

Details

The CIELCh color $73, 23.379, 288.296$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $85, 22.483, 103.273$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 11.464, 282.570$, and $53, 23.172, 287.884$ is the 20% darker color. If you saturate the color by 10%, you get $66, 34.721, 289.877$, and if you desaturate by 10%, it is $80, 12.455, 286.949$.

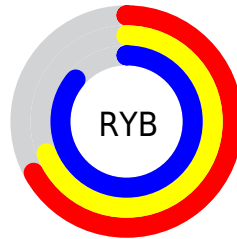
Distribution



Red (67%)

Green (69%)

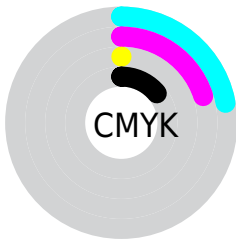
Blue (86%)



Red (67%)

Yellow (69%)

Blue (86%)

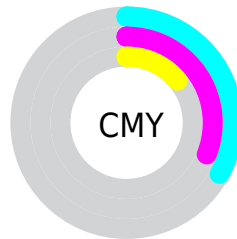


Cyan (22%)

Magenta (20%)

Yellow (0%)

Black (14%)



Cyan (33%)

Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 23.379, 288.296 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, 23.379, 288.296 by changing the saturation by 10% instead.

■ 73, 23.379,
288.296

■ 73, 23.379,
288.296

■ 100, 23.379,
288.296

■ 63, 23.379,
288.296

■ 93, 23.379,
288.296

■ 53, 23.379,
288.296

■ 43, 23.379,
288.296

■ 33, 23.379,
288.296

■ 23, 23.379,
288.296

■ 13, 23.379,
288.296

■ 3, 23.379, 288.296

0, 23.379, 288.296

73, 23.379,
288.296

73, 23.379,
288.296

66, 34.721,
289.877

80, 12.455,
286.949

60, 46.518,
291.726

86, 1.920, 285.850

53, 58.786,
293.860

93, 8.256, 104.792

99, 17.902,
108.824

47, 71.476,
296.260

41, 84.362,
298.839

35, 96.839,
301.409

■ 31,107.725,
303.682

■ 29,114.358,
305.058

Harmonies

Complementary

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



73, 23.379, 288.296



85, 22.483, 103.273

Rectangle

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



73, 23.379, 288.296



73, 23.379, 338.296



73, 23.379, 108.296



73, 23.379, 158.296

Sweetspot

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



73, 23.377, 288.294



95, 8.240, 286.381



84, 16.774, 188.068



50, 5.359, 286.450



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, 23.377, 288.294



80, 31.656, 288.955



73, 26.956, 306.112



43, 5.935, 286.656



22, 95.006, 304.800



3, 27.465, 292.597

Inverse Universe

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



75, 18.743, 12.858



83, 25.515, 13.402



85, 25.959, 123.772



43, 4.674, 11.524



36, 73.889, 35.404



5, 23.728, 15.765

Previews

White Background



This preview shows how the CIELCh color 73, 23.379, 288.296 looks on a white background.

Color Contrast Check

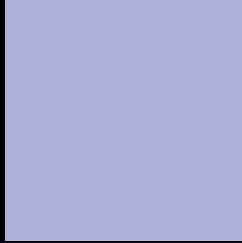
Large Text (above 18pt) WCAG AA × Fail

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, 23.379, 288.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

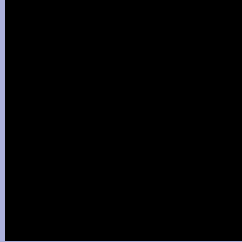
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 23.379, 288.296

Background



This preview shows how black text looks on a background with the CIELCh color 73, 23.379, 288.296.



This preview shows how white text looks on a background with the CIELCh color 73, 23.379, 288.296.

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

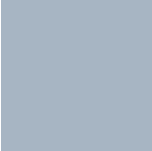
73, 23.379, 288.296

Protanopia

73, 23.448, 285.886

Deuteranopia

73, 24.488, 293.284



Tritanopia
73, 8.966, 257.395

Trichromacy



Original Color
73, 23.379, 288.296

Protanomaly
73, 23.421, 286.685

Deuteranomaly
73, 23.913, 290.841

Tritanomaly
73, 13.930, 277.071

Monochromacy



Original Color
73, 23.379, 288.296

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 8.164, 285.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 23.379, 288.296 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(172, 177, 220)` looks like.

```
.text, #text, p{  
    color:rgb(172, 177, 220)  
}
```

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(172, 177, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 177, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 23.379, 288.296 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(172, 177, 220) }
```

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

```
.border{ border-color:rgb(172, 177, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 177, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 177, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 177, 220);  
box-shadow:4px 4px 4px 4px rgb(172, 177,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 23.379, 288.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 177, 220) }
```

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

```
.background{ background-color: rgb(172,  
177, 220) }
```

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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