

Converting Colors

CIELCh(73, 40.728, 291.816)

Have a look what the booklet for
CIELCh(73, 40.728, 291.816)
contains.

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Color

CIELCh(73, 40.752, 291.817)

Conversions

Conversions Part 1

Format	Color
Hex	A8ADF8
RGB	168, 173, 248
RGB Percent	66%, 68%, 97%
CMY	0.3399, 0.3203, 0.0261
CMYK	0.32, 0.30, 0.00, 0.03
HSL	236°, 86%, 82%
HSV	236°, 32%, 97%
XYZ	48.2150, 45.1644, 95.2552
YIQ	180.0550, -27.0550, 22.2650

Conversions

Conversions Part 2

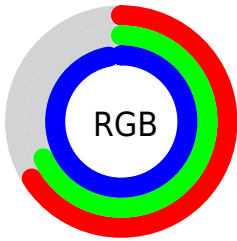
Format	Color
RYB	168, 173, 248
Decimal	11054584
CIELab	73.00, 15.15, -37.83
CIELCh	73, 40.752, 291.817
Yxy	45.1644, 0.2556, 0.2394
Android (android.graphics.Color)	4289244664 (0xFFA8ADF8)
YUV	180.0550, 33.4969, -10.5722
Hunter-Lab	67.2044, 10.4549, -36.9942

Details

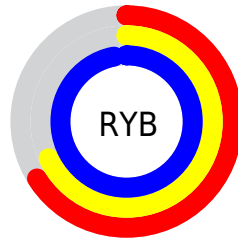
The CIELCh color `73, 40.752, 291.817` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `95, 38.003, 104.226`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `91, 14.024, 287.155`, and `53, 40.497, 291.532` is the 20% darker color. If you saturate the color by 10%, you get `65, 54.513, 293.647`, and if you desaturate by 10%, it is `81, 27.544, 290.251`.

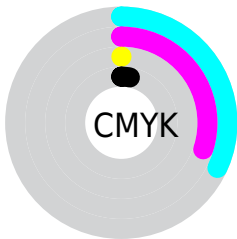
Distribution



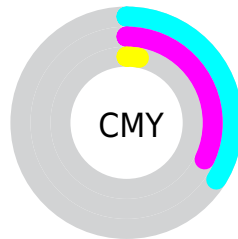
- Red (66%)
- Green (68%)
- Blue (97%)



- Red (66%)
- Yellow (68%)
- Blue (97%)



- Cyan (32%)
- Magenta (30%)
- Yellow (0%)
- Black (3%)





- Cyan (34%)
- Magenta (32%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 40.752, 291.817 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, 40.752, 291.817 by changing the saturation by 10% instead.


 73, 40.752,
291.817


 73, 40.752,
291.817


 100, 40.752,
291.817


 63, 40.752,
291.817


 93, 40.752,
291.817

 53, 40.752,
291.817

 43, 40.752,
291.817

 33, 40.752,
291.817

 23, 40.752,
291.817

 13, 40.752,
291.817

 3, 40.752, 291.817

■ 0, 40.752, 291.817

■ 73, 40.752,
291.817

■ 73, 40.752,
291.817

■ 65, 54.513,
293.647

■ 81, 27.544,
290.251

■ 58, 68.828,
295.750

■ 88, 14.860,
288.923

■ 51, 83.573,
298.091

■ 96, 2.657, 287.824

■ 44, 98.326,
300.551

■ 100, 3.369,
109.903

■ 38, 112.083,
302.895

■ 34, 123.093,
304.792

■ 32,128.578,
305.741

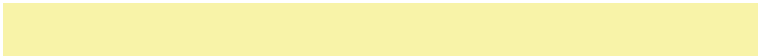
Harmonies

Complementary

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



73, 40.752, 291.817



95, 38.003, 104.226

Rectangle

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



73, 40.752, 291.817



73, 40.752, 341.817



73, 40.752, 111.817



73, 40.752, 161.817

Sweetspot

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



73, 40.751, 291.817



92, 12.375, 288.659



93, 25.945, 191.625



48, 8.465, 288.826



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, 40.751, 291.817



69, 51.113, 293.038



75, 44.901, 308.467



48, 6.914, 288.599



23, 103.910, 305.554



4, 40.184, 299.782

Inverse Universe

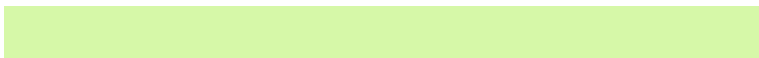
The Inverse Universe completely reimagines the original color for something new.



77, 31.557, 17.488



74, 39.838, 18.563



94, 42.584, 125.114



49, 5.177, 14.900



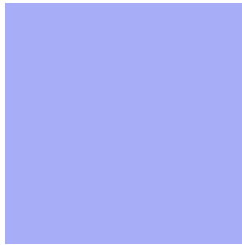
39, 80.795, 37.612



9, 31.755, 23.631

Previews

White Background



This preview shows how the CIELCh color 73, 40.752, 291.817 looks on a white background.

Color Contrast Check

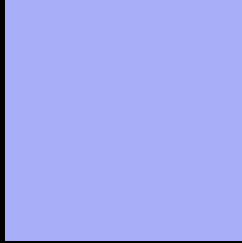
Large Text (above 18pt) WCAG AA × Fail

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, 40.752, 291.817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

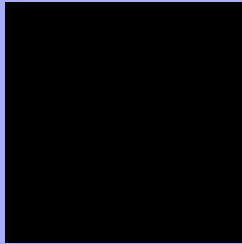
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 40.752, 291.817

Background



This preview shows how black text looks on a background with the CIELCh color 73, 40.752, 291.817.



This preview shows how white text looks on a background with the CIELCh color 73, 40.752, 291.817.

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, 40.752, 291.817

Protanopia

73, 40.930, 285.600

Deuteranopia

73, 38.774, 284.825



Tritanopia
73, 11.940, 242.105

Trichromacy



Original Color
73, 40.752, 291.817

Protanomaly
73, 40.827, 287.627

Deuteranomaly
73, 39.189, 287.146

Tritanomaly
73, 20.787, 275.392

Monochromacy



Original Color
73, 40.752, 291.817

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 14.668, 288.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 40.752, 291.817 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(168, 173, 248)` looks like.

```
.text, #text, p{  
    color:rgb(168, 173, 248)  
}
```

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(168, 173, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 173, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 40.752, 291.817 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(168, 173, 248) }
```

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

```
.border{ border-color:rgb(168, 173, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 173, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 173, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 173, 248);  
box-shadow:4px 4px 4px 4px rgb(168, 173,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 40.752, 291.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 173, 248) }
```

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

```
.background{ background-color: rgb(168,  
173, 248) }
```

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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