

Converting Colors

CIELCh(74, 33.079, 287.215)

Have a look what the booklet for
CIELCh(74, 33.079, 287.215)
contains.

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Color

CIELCh(74, 33.112, 287.235)

Conversions

Conversions Part 1

Format	Color
Hex	A8B3F0
RGB	168, 179, 240
RGB Percent	66%, 70%, 94%
CMY	0.3422, 0.2991, 0.0599
CMYK	0.30, 0.25, 0.00, 0.06
HSL	231°, 70%, 80%
HSV	231°, 30%, 94%
XYZ	47.8445, 46.7039, 88.7123
YIQ	182.6650, -26.1370, 16.6390

Conversions

Conversions Part 2

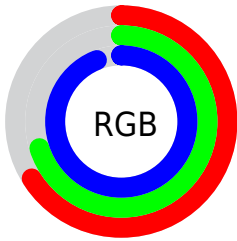
Format	Color
RYB	168, 178, 240
Decimal	11056112
CIELab	74.00, 9.81, -31.63
CIELCh	74, 33.112, 287.235
Yxy	46.7039, 0.2611, 0.2548
Android (android.graphics.Color)	4289246192 (0xFFA8B3F0)
YUV	182.6650, 28.2662, -12.8612
Hunter-Lab	68.3403, 5.3710, -29.1260

Details

The CIELCh color `74, 33.112, 287.235` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `90, 31.606, 99.710`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 10.899, 271.051`, and `54, 33.519, 287.637` is the 20% darker color. If you saturate the color by 10%, you get `67, 44.934, 289.107`, and if you desaturate by 10%, it is `81, 21.710, 285.635`.

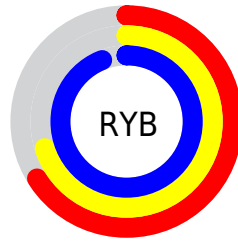
Distribution



Red (66%)

Green (70%)

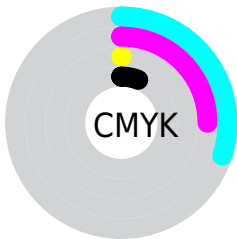
Blue (94%)



Red (66%)

Yellow (70%)

Blue (94%)

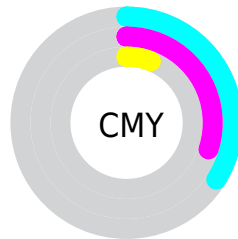


Cyan (30%)

Magenta (25%)

Yellow (0%)

Black (6%)



Cyan (34%)


Magenta (30%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 33.112, 287.235 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 74, 33.112, 287.235 by changing the saturation by 10% instead.


 74, 33.112,
287.235

 74, 33.112,
287.235


 100, 33.112,
287.235


 64, 33.112,
287.235


 94, 33.112,
287.235

 54, 33.112,
287.235

 44, 33.112,
287.235

 34, 33.112,
287.235

 24, 33.112,
287.235

 14, 33.112,
287.235

 4, 33.112, 287.235

■ 0, 33.112, 287.235

■ 74, 33.112,
287.235

■ 74, 33.112,
287.235

■ 67, 44.934,
289.107

■ 81, 21.710,
285.635

■ 60, 57.212,
291.279

■ 88, 10.698,
284.276

■ 54, 69.944,
293.751

■ 95, 0.042, 286.718

■ 47, 83.026,
296.468

■ 100, 7.735,
109.589

■ 42, 96.094,
299.287

■ 37, 108.317,
301.964

■ 33,118.347,
304.150

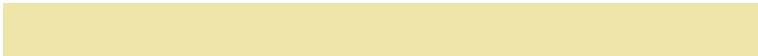
Harmonies

Complementary

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



74, 33.112, 287.235



90, 31.606, 99.710

Rectangle

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



74, 33.112, 287.235



74, 33.112, 337.235



74, 33.112, 107.235



74, 33.112, 157.235

Sweetspot

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



74, 33.111, 287.234



94, 10.078, 284.153



90, 24.797, 183.137



49, 7.018, 284.334



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 33.111, 287.234



74, 42.187, 288.340



73, 40.063, 304.981



46, 6.055, 284.208



25, 95.734, 303.799



4, 33.814, 295.863

Inverse Universe

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



76, 28.452, 10.207



77, 36.374, 11.159



91, 37.804, 121.378



47, 5.085, 7.700



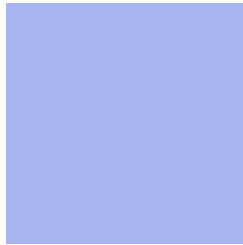
38, 74.896, 32.737



8, 29.149, 17.565

Previews

White Background



This preview shows how the CIELCh color 74, 33.112, 287.235 looks on a white background.

Color Contrast Check

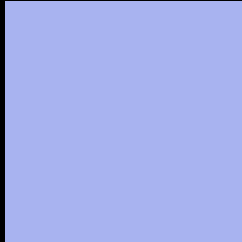
Large Text (above 18pt) WCAG AA × Fail

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 74, 33.112, 287.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

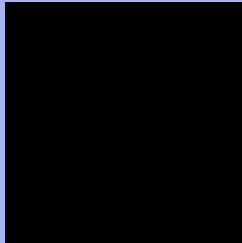
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 33.112, 287.235

Background



This preview shows how black text looks on a background with the CIELCh color 74, 33.112, 287.235.



This preview shows how white text looks on a background with the CIELCh color 74, 33.112, 287.235.

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

74, 33.112, 287.235

Protanopia

74, 33.197, 285.656

Deuteranopia

74, 33.112, 287.235



Tritanopia
74, 12.155, 240.994

Trichromacy



Original Color
74, 33.112, 287.235

Protanomaly
74, 33.166, 286.179

Deuteranomaly
74, 33.112, 287.235

Tritanomaly
74, 18.482, 269.508

Monochromacy



Original Color
74, 33.112, 287.235

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 11.972, 284.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 33.112, 287.235 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, 179, 240)` looks like.

```
.text, #text, p{  
    color:rgb(168, 179, 240)  
}
```

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, 179, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 179, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 33.112, 287.235 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, 179, 240) }
```

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

```
.border{ border-color:rgb(168, 179, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 179, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 179, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 179, 240);  
box-shadow:4px 4px 4px 4px rgb(168, 179,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 33.112, 287.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 179, 240) }
```

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

```
.background{ background-color: rgb(168,  
179, 240) }
```

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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