

Converting Colors

CIELCh(81, 71.091, 290.888)

Have a look what the booklet for
CIELCh(81, 71.091, 290.888)
contains.

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Color

CIELCh(78, 34.308, 280.314)

Conversions

Conversions Part 1

Format	Color
Hex	A7C0FF
RGB	167, 192, 255
RGB Percent	65%, 75%, 100%
CMY	0.3446, 0.2466, 0.0000
CMYK	0.34, 0.25, 0.00, 0.00
HSL	223°, 100%, 83%
HSV	223°, 34%, 100%
XYZ	52.9117, 53.2120, 102.2018
YIQ	191.7070, -35.1230, 14.2930

Conversions

Conversions Part 2

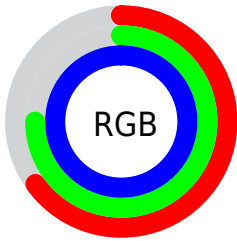
Format	Color
RYB	167, 186, 255
Decimal	10993919
CIELab	78.00, 6.14, -33.75
CIELCh	78, 34.308, 280.314
Yxy	53.2120, 0.2540, 0.2554
Android (android.graphics.Color)	4289183999 (0xFFA7C0FF)
YUV	191.7070, 31.2034, -21.6680
Hunter-Lab	72.9466, 1.8184, -32.0057

Details

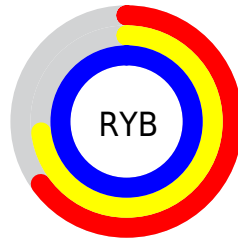
The CIELCh color **78, 34.308, 280.314** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **92, 33.786, 90.449**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 8.804, 223.112**, and **58, 34.144, 280.035** is the 20% darker color. If you saturate the color by 10%, you get **72, 44.706, 282.483**, and if you desaturate by 10%, it is **84, 24.029, 278.390**.

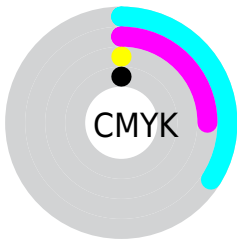
Distribution



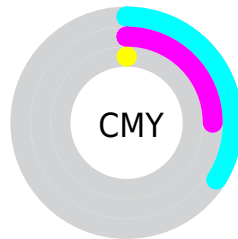
- Red (65%)
- Green (75%)
- Blue (100%)



- Red (65%)
- Yellow (73%)
- Blue (100%)



- Cyan (34%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (34%)
- Magenta (25%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 34.308, 280.314 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 78, 34.308, 280.314 by changing the saturation by 10% instead.


 78, 34.308,
280.314


 78, 34.308,
280.314


 100, 34.308,
280.314

 68, 34.308,
280.314


 98, 34.308,
280.314

 58, 34.308,
280.314

 48, 34.308,
280.314

 38, 34.308,
280.314

 28, 34.308,
280.314

 18, 34.308,
280.314

 8, 34.308, 280.314

■ 0, 34.308, 280.314

■ 78, 34.308,
280.314

■ 78, 34.308,
280.314

■ 72, 44.706,
282.483

■ 84, 24.029,
278.390

■ 65, 55.469,
285.042

■ 91, 14.053,
276.784

■ 59, 66.564,
287.960

■ 97, 4.294, 275.444

■ 54, 77.996,
291.191

100, 0.012,
296.813

■ 48, 89.662,
294.613

■ 43, 101.223,
298.010

■ 41, 107.372,
299.744

Harmonies

Complementary

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



78, 34.308, 280.314



92, 33.786, 90.449

Rectangle

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



78, 34.308, 280.314



78, 34.308, 330.314



78, 34.308, 100.314



78, 34.308, 150.314

Sweetspot

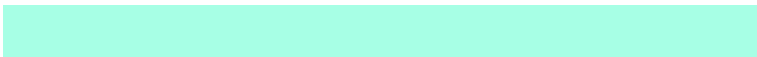
The Sweet Spot groups the original color and five complimentary colors.



78, 34.238, 280.277



94, 9.677, 276.150



94, 32.278, 172.452



49, 6.611, 276.345



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 34.238, 280.277



74, 41.055, 281.681



73, 48.202, 300.987



50, 5.499, 276.083



31, 84.999, 299.180



7, 34.103, 294.355

Inverse Universe

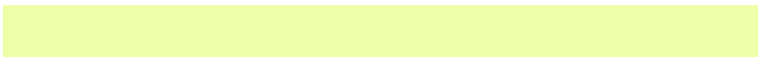
The Inverse Universe completely reimagines the original color for something new.



78, 35.628, 1.094



74, 42.660, 2.184



97, 44.502, 115.614



50, 5.623, 357.900



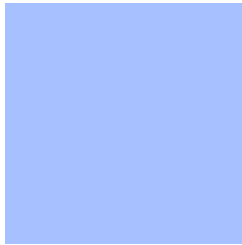
40, 71.238, 22.652



10, 31.528, 13.810

Previews

White Background



This preview shows how the CIE LCh color 78, 34.308, 280.314 looks on a white background.

Color Contrast Check

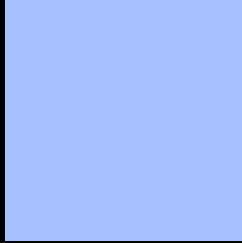
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 34.308, 280.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

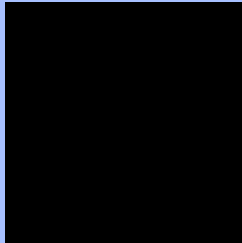
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 34.308, 280.314

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.308, 280.314.



This preview shows how white text looks on a background with the CIELCh color 78, 34.308, 280.314.

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

78, 34.308, 280.314

Protanopia

78, 34.458, 285.469

Deuteranopia

78, 34.925, 286.633



Tritanopia
78, 15.873, 231.446

Trichromacy



Original Color
78, 34.308, 280.314

Protanomaly
78, 34.050, 283.257

Deuteranomaly
78, 34.532, 283.966

Tritanomaly
78, 20.770, 257.697

Monochromacy



Original Color
78, 34.308, 280.314

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 12.647, 277.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.308, 280.314 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(167, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 192, 255)  
}
```

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(167, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 192, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.308, 280.314 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(167, 192, 255) }
```

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

```
.border{ border-color:rgb(167, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 192,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.308, 280.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 192, 255) }
```

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

```
.background{ background-color: rgb(167,  
192, 255) }
```

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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