

Converting Colors

CIELCh(78, 35.889, 278.202)

Have a look what the booklet for
CIELCh(78, 35.889, 278.202)
contains.

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Color

CIELCh(78, 34.131, 277.158)

Conversions

Conversions Part 1

Format	Color
Hex	A2C1FF
RGB	162, 193, 255
RGB Percent	64%, 76%, 100%
CMY	0.3636, 0.2420, 0.0000
CMYK	0.36, 0.24, 0.00, 0.00
HSL	220°, 100%, 82%
HSV	220°, 36%, 100%
XYZ	52.1858, 53.2120, 102.3763
YIQ	190.7990, -38.3780, 12.7100

Conversions

Conversions Part 2

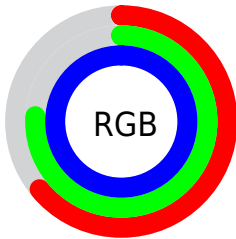
Format	Color
R _Y B	162, 185, 255
Decimal	10666495
CIE Lab	78.00, 4.25, -33.86
CIE LCh	78, 34.131, 277.158
Yxy	53.2120, 0.2512, 0.2561
Android (android.graphics.Color)	4288856575 (0xFFA2C1FF)
YUV	190.7990, 31.6511, -25.2567
Hunter-Lab	72.9466, 0.0421, -32.1475

Details

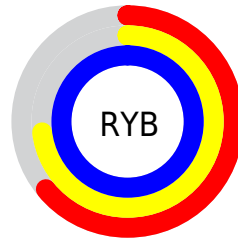
The CIELCh color **78, 34.131, 277.158** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **90, 34.242, 86.269**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 10.485, 215.970**, and **58, 33.933, 276.921** is the 20% darker color. If you saturate the color by 10%, you get **72, 43.703, 279.407**, and if you desaturate by 10%, it is **84, 24.436, 275.055**.

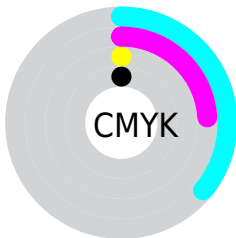
Distribution



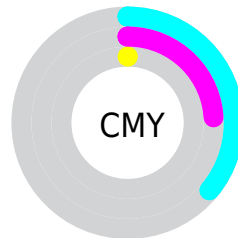
- Red (64%)
- Green (76%)
- Blue (100%)



- Red (64%)
- Yellow (73%)
- Blue (100%)



- Cyan (36%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (36%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 34.131, 277.158 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, 34.131, 277.158 by changing the saturation by 10% instead.


 78, 34.131,
277.158

 78, 34.131,
277.158


 100, 34.131,
277.158


 68, 34.131,
277.158


 98, 34.131,
277.158

 58, 34.131,
277.158

 48, 34.131,
277.158

 38, 34.131,
277.158

 28, 34.131,
277.158

 18, 34.131,
277.158

 8, 34.131, 277.158

■ 0, 34.131, 277.158

■ 78, 34.131,
277.158

■ 78, 34.131,
277.158

■ 72, 43.703,
279.407

■ 84, 24.436,
275.055

■ 66, 53.635,
282.132

■ 90, 15.048,
273.349

■ 60, 63.823,
285.241

■ 96, 5.809, 271.916

■ 55, 74.301,
288.690

100, 0.012,
296.813

■ 50, 85.035,
292.355

■ 45, 95.828,
296.024

■ 44, 99.708,
297.268

Harmonies

Complementary

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



78, 34.131, 277.158



90, 34.242, 86.269

Rectangle

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



78, 34.131, 277.158



78, 34.131, 327.158



78, 34.131, 97.158



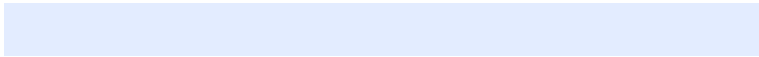
78, 34.131, 147.158

Sweetspot

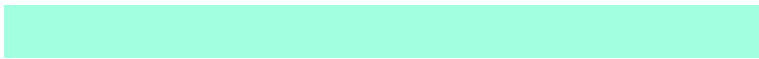
The Sweet Spot groups the original color and five complimentary colors.



78, 33.981, 277.060



93, 10.079, 272.546



94, 35.242, 168.840



49, 6.779, 272.742



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, 33.981, 277.060



73, 41.392, 278.820



71, 50.928, 299.611



50, 5.204, 272.336



33, 78.864, 296.635



8, 31.635, 291.490

Inverse Universe

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



77, 38.324, 357.861



72, 46.519, 359.136



97, 46.613, 113.322



50, 5.767, 354.474



40, 69.630, 18.102



10, 31.344, 10.230

Previews

White Background



This preview shows how the CIELCh color 78, 34.131, 277.158 looks on a white background.

Color Contrast Check

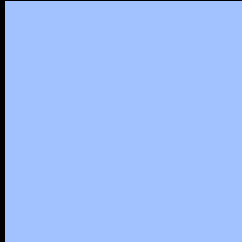
Large Text (above 18pt) WCAG AA × Fail

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 78, 34.131, 277.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

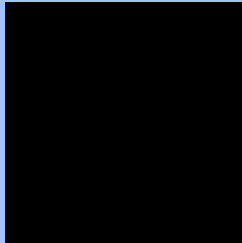
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

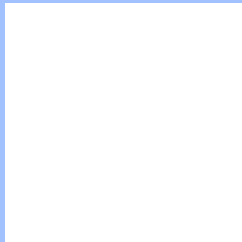
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 34.131, 277.158

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.131, 277.158.



This preview shows how white text looks on a background with the CIELCh color 78, 34.131, 277.158.

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

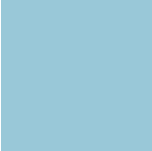
78, 34.131, 277.158

Protanopia

78, 33.932, 285.283

Deuteranopia

78, 35.485, 286.814



Tritanopia
78, 17.426, 228.086

Trichromacy



Original Color
78, 34.131, 277.158

Protanomaly
78, 34.138, 282.272

Deuteranomaly
78, 34.614, 282.992

Tritanomaly
78, 21.343, 252.623

Monochromacy



Original Color
78, 34.131, 277.158

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 12.308, 273.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.131, 277.158 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(162, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 193, 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(162, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 193, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.131, 277.158 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(162, 193, 255) }
```

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

```
.border{ border-color:rgb(162, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 193,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.131, 277.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 193, 255) }
```

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

```
.background{ background-color: rgb(162,  
193, 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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