

Converting Colors

CIELCh(78, 33.428, 270.266)

Have a look what the booklet for
CIELCh(78, 33.428, 270.266)
contains.

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Color

CIELCh(78, 33.134, 269.574)

Conversions

Conversions Part 1

Format	Color
Hex	98C4FE
RGB	152, 196, 254
RGB Percent	60%, 77%, 100%
CMY	0.4045, 0.2320, 0.0046
CMYK	0.40, 0.23, 0.00, 0.00
HSL	214°, 98%, 80%
HSV	214°, 40%, 100%
XYZ	50.4842, 53.2120, 101.2333
YIQ	189.4560, -44.8420, 8.7100

Conversions

Conversions Part 2

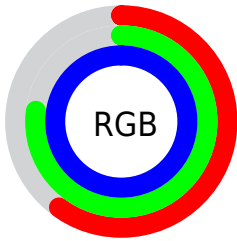
Format	Color
R _Y B	152, 183, 254
Decimal	10011902
CIE Lab	78.00, -0.25, -33.13
CIE LCh	78, 33.134, 269.574
Yxy	53.2120, 0.2463, 0.2597
Android (android.graphics.Color)	4288201982 (0xFF98C4FE)
YUV	189.4560, 31.8202, -32.8489
Hunter-Lab	72.9466, -4.1218, -31.2185

Details

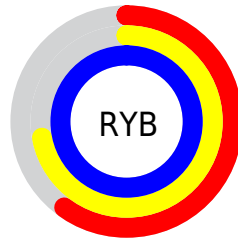
The CIELCh color **78, 33.134, 269.574** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **87, 35.423, 77.108**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 14.352, 204.738**, and **58, 33.308, 269.940** is the 20% darker color. If you saturate the color by 10%, you get **73, 41.369, 272.196**, and if you desaturate by 10%, it is **83, 24.891, 267.348**.

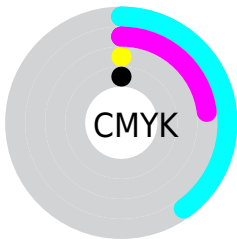
Distribution



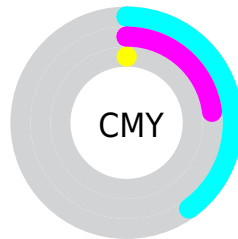
- Red (60%)
- Green (77%)
- Blue (100%)



- Red (60%)
- Yellow (72%)
- Blue (100%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (23%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 33.134, 269.574 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, 33.134, 269.574 by changing the saturation by 10% instead.


 78, 33.134,
269.574


 78, 33.134,
269.574


 100, 33.134,
269.574


 68, 33.134,
269.574


 98, 33.134,
269.574

 58, 33.134,
269.574

 48, 33.134,
269.574

 38, 33.134,
269.574

 28, 33.134,
269.574

 18, 33.134,
269.574

 8, 33.134, 269.574

0, 33.134, 269.574

78, 33.134,
269.574

78, 33.134,
269.574

73, 41.369,
272.196

83, 24.891,
267.348

68, 49.628,
275.256

89, 16.641,
265.467

63, 57.962,
278.764

94, 8.392, 263.889

58, 66.449,
282.671

99, 0.158, 264.861

100, 0.581,
110.001

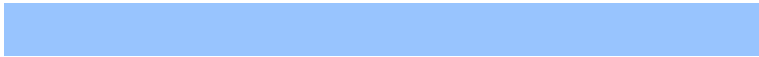
54, 75.157,
286.848

50, 83.935,
290.942

Harmonies

Complementary

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



78, 33.134, 269.574



87, 35.423, 77.108

Rectangle

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



78, 33.134, 269.574



78, 33.134, 319.574



78, 33.134, 89.574



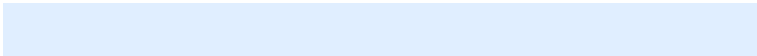
78, 33.134, 139.574

Sweetspot

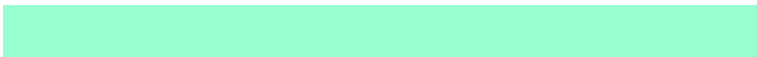
The Sweet Spot groups the original color and five complimentary colors.



78, 33.133, 269.573



93, 9.929, 264.155



93, 41.211, 163.257



49, 6.586, 264.351



0, 0.000, 0.000



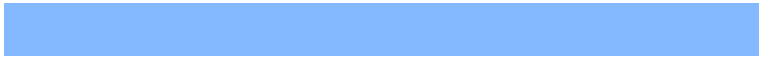
53, 0.007, 296.813

Same Dimension

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



78, 33.133, 269.573



74, 39.721, 271.591



67, 56.390, 297.600



50, 4.704, 263.793



38, 66.624, 290.196



10, 26.837, 284.209

Inverse Universe

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



74, 44.063, 351.938



70, 52.589, 353.169



97, 50.801, 109.319



50, 6.105, 348.322



41, 68.053, 8.746



10, 31.396, 2.134

Previews

White Background



This preview shows how the CIELCh color 78, 33.134, 269.574 looks on a white background.

Color Contrast Check

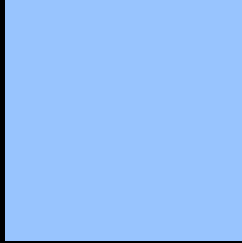
Large Text (above 18pt) WCAG AA × Fail

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, 33.134, 269.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

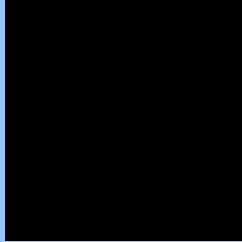
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

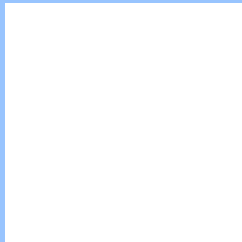
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 33.134, 269.574

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.134, 269.574.



This preview shows how white text looks on a background with the CIELCh color 78, 33.134, 269.574.

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, 33.134, 269.574

Protanopia

78, 32.289, 285.773

Deuteranopia

78, 35.485, 286.814



Tritanopia
78, 20.525, 223.041

Trichromacy



Original Color
78, 33.134, 269.574

Protanomaly
78, 32.196, 279.667

Deuteranomaly
78, 34.802, 281.081

Tritanomaly
78, 23.171, 244.661

Monochromacy



Original Color
78, 33.134, 269.574

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 12.898, 266.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 33.134, 269.574 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(152, 196, 254)` looks like.

```
.text, #text, p{  
    color:rgb(152, 196, 254)  
}
```

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(152, 196, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 196, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.134, 269.574 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(152, 196, 254) }
```

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

```
.border{ border-color:rgb(152, 196, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 196, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 196, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 196, 254);  
box-shadow:4px 4px 4px 4px rgb(152, 196,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.134, 269.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 196, 254) }
```

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

```
.background{ background-color: rgb(152,  
196, 254) }
```

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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