

Converting Colors

CIELCh(78, 33.822, 268.257)

Have a look what the booklet for
CIELCh(78, 33.822, 268.257)
contains.

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Color

CIELCh(78, 33.891, 268.752)

Conversions

Conversions Part 1

Format	Color
Hex	95C4FF
RGB	149, 196, 255
RGB Percent	58%, 77%, 100%
CMY	0.4149, 0.2306, 0.0000
CMYK	0.41, 0.23, 0.00, 0.00
HSL	213°, 100%, 79%
HSV	213°, 41%, 100%
XYZ	50.3005, 53.2120, 102.4044
YIQ	188.6730, -46.9510, 8.3850

Conversions

Conversions Part 2

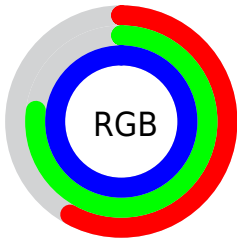
Format	Color
RYB	149, 182, 255
Decimal	9815295
CIELab	78.00, -0.74, -33.88
CIELCh	78, 33.891, 268.752
Yxy	53.2120, 0.2443, 0.2584
Android (android.graphics.Color)	4288005375 (0xFF95C4FF)
YUV	188.6730, 32.6992, -34.7932
Hunter-Lab	72.9466, -4.5713, -32.1704

Details

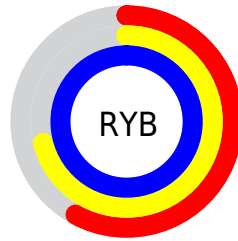
The CIELCh color **78, 33.891, 268.752** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **86, 36.539, 75.705**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 15.287, 204.301**, and **58, 34.056, 269.309** is the 20% darker color. If you saturate the color by 10%, you get **73, 41.867, 271.343**, and if you desaturate by 10%, it is **83, 25.686, 266.370**.

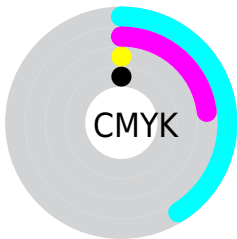
Distribution



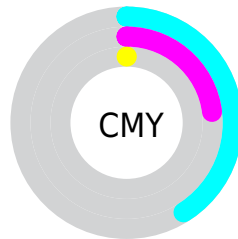
- Red (58%)
- Green (77%)
- Blue (100%)



- Red (58%)
- Yellow (71%)
- Blue (100%)



- Cyan (41%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (41%)
- Magenta (23%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 33.891, 268.752 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, 33.891, 268.752 by changing the saturation by 10% instead.


 78, 33.891,
268.752


 78, 33.891,
268.752


 100, 33.891,
268.752


 68, 33.891,
268.752


 98, 33.891,
268.752

 58, 33.891,
268.752

 48, 33.891,
268.752

 38, 33.891,
268.752

 28, 33.891,
268.752

 18, 33.891,
268.752

 8, 33.891, 268.752

0, 33.891, 268.752

78, 33.891,
268.752

78, 33.891,
268.752

73, 41.867,
271.343

83, 25.686,
266.370

68, 49.940,
274.485

89, 17.547,
264.444

63, 58.069,
278.083

94, 9.387, 262.827

58, 66.337,
282.083

99, 1.222, 261.714

100, 0.012,
296.813

54, 74.820,
286.344

51, 82.237,
289.953

Harmonies

Complementary

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



78, 33.891, 268.752



86, 36.539, 75.705

Rectangle

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



78, 33.891, 268.752



78, 33.891, 318.752



78, 33.891, 88.752



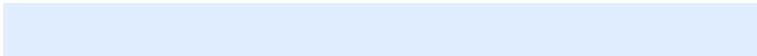
78, 33.891, 138.752

Sweetspot

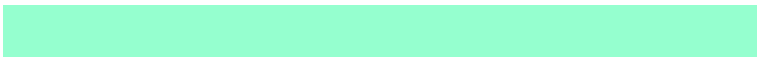
The Sweet Spot groups the original color and five complimentary colors.



78, 33.791, 268.652



94, 9.806, 262.903



93, 43.206, 162.143



49, 6.504, 263.100



0, 0.000, 0.000



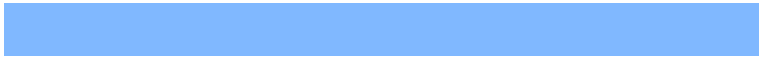
53, 0.007, 296.813

Same Dimension

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



78, 33.791, 268.652



74, 40.667, 270.916



66, 58.592, 297.328



50, 4.647, 262.542



38, 65.039, 289.181



11, 26.237, 283.085

Inverse Universe

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



74, 45.934, 351.316



69, 54.964, 352.667



98, 52.528, 108.452



50, 6.154, 347.566



41, 68.007, 7.502



10, 31.457, 1.067

Previews

White Background



This preview shows how the CIELCh color 78, 33.891, 268.752 looks on a white background.

Color Contrast Check

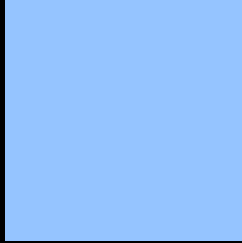
Large Text (above 18pt) WCAG AA × Fail

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, 33.891, 268.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

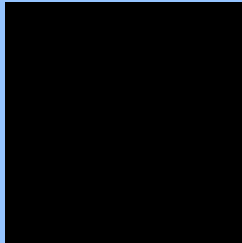
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

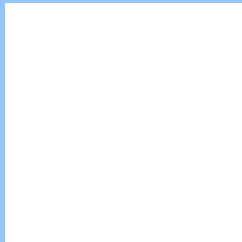
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 33.891, 268.752

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.891, 268.752.



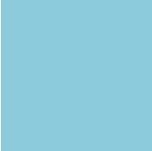
This preview shows how white text looks on a background with the CIELCh color 78, 33.891, 268.752.

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](#).

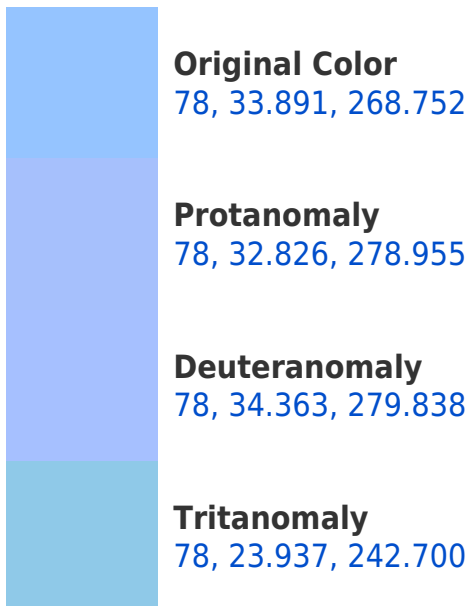
Dichromacy





Tritanopia
78, 21.540, 221.716

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 33.891, 268.752 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(149, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(149, 196, 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(149, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 196, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.891, 268.752 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(149, 196, 255) }
```

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

```
.border{ border-color:rgb(149, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(149, 196,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.891, 268.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 196, 255) }
```

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

```
.background{ background-color: rgb(149,  
196, 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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