

Converting Colors

CIELCh(79, 41.271, 281.381)

Have a look what the booklet for
CIELCh(79, 41.271, 281.381)
contains.

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Color

CIELCh(78, 33.530, 277.269)

Conversions

Conversions Part 1

Format	Color
Hex	A3C1FE
RGB	163, 193, 254
RGB Percent	64%, 76%, 100%
CMY	0.3600, 0.2423, 0.0032
CMYK	0.36, 0.24, 0.00, 0.00
HSL	220°, 98%, 82%
HSV	220°, 36%, 100%
XYZ	52.1818, 53.2120, 101.4317
YIQ	190.9840, -37.4610, 12.6110

Conversions

Conversions Part 2

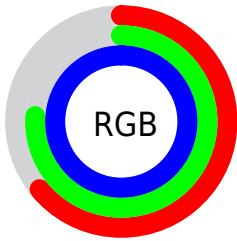
Format	Color
R _Y B	163, 186, 254
Decimal	10732030
CIE Lab	78.00, 4.24, -33.26
CIE LCh	78, 33.530, 277.269
Yxy	53.2120, 0.2523, 0.2573
Android (android.graphics.Color)	4288922110 (0xFFA3C1FE)
YUV	190.9840, 31.0669, -24.5420
Hunter-Lab	72.9466, 0.0323, -31.3797

Details

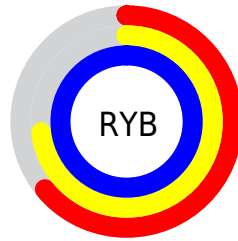
The CIELCh color **78, 33.530, 277.269** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **90, 33.717, 86.705**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 10.175, 216.526**, and **58, 33.339, 276.972** is the 20% darker color. If you saturate the color by 10%, you get **72, 43.282, 279.588**, and if you desaturate by 10%, it is **84, 23.958, 275.287**.

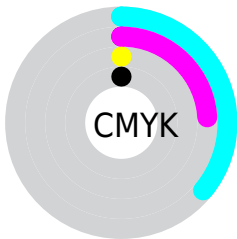
Distribution



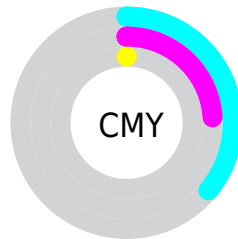
- Red (64%)
- Green (76%)
- Blue (100%)



- 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, 33.530, 277.269 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, 33.530, 277.269 by changing the saturation by 10% instead.


 78, 33.530,
277.269


 78, 33.530,
277.269


 100, 33.530,
277.269


 68, 33.530,
277.269


 98, 33.530,
277.269

 58, 33.530,
277.269

 48, 33.530,
277.269

 38, 33.530,
277.269

 28, 33.530,
277.269

 18, 33.530,
277.269

 8, 33.530, 277.269

■ 0, 33.530, 277.269

■ 78, 33.530,
277.269

■ 78, 33.530,
277.269

■ 72, 43.282,
279.588

■ 84, 23.958,
275.287

■ 66, 53.251,
282.282

■ 90, 14.551,
273.602

■ 60, 63.481,
285.358

■ 96, 5.297, 272.189

■ 55, 74.003,
288.775

100, 0.408,
109.958

■ 50, 84.785,
292.412

■ 45, 95.627,
296.062

■ 43, 100.128,
297.497

Harmonies

Complementary

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



78, 33.530, 277.269



90, 33.717, 86.705

Rectangle

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



78, 33.530, 277.269



78, 33.530, 327.269



78, 33.530, 97.269



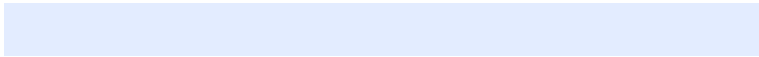
78, 33.530, 147.269

Sweetspot

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



78, 33.529, 277.268



93, 10.127, 272.890



94, 34.193, 170.011



49, 6.812, 273.085



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, 33.529, 277.268



74, 40.649, 278.907



72, 49.975, 300.068



50, 5.229, 272.680



33, 79.409, 296.877



8, 31.856, 291.769

Inverse Universe

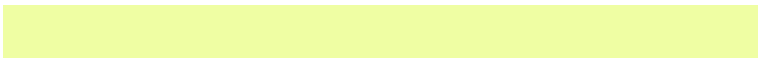
The Inverse Universe completely reimagines the original color for something new.



77, 37.545, 358.075



73, 45.391, 359.267



97, 45.865, 114.089



50, 5.754, 354.767



40, 69.750, 18.510



10, 31.356, 10.563

Previews

White Background



This preview shows how the CIE LCh color 78, 33.530, 277.269 looks on a white background.

Color Contrast Check

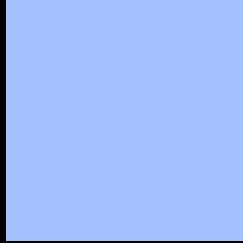
Large Text (above 18pt) WCAG AA × Fail

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, 33.530, 277.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

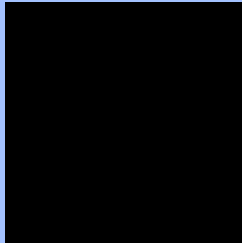
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

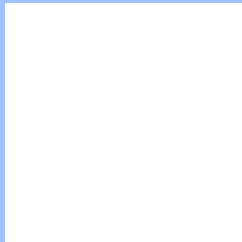
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 33.530, 277.269

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.530, 277.269.



This preview shows how white text looks on a background with the CIELCh color 78, 33.530, 277.269.

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, 33.559, 277.298

Protanopia

78, 33.373, 285.610

Deuteranopia

78, 35.460, 287.300



Tritanopia
78, 17.165, 228.598

Trichromacy



Original Color
78, 33.559, 277.298

Protanomaly
78, 33.573, 282.527

Deuteranomaly
78, 34.572, 283.478

Tritanomaly
78, 21.170, 253.272

Monochromacy



Original Color
78, 33.559, 277.298

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, 33.530, 277.269 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(163, 193, 254)` looks like.

```
.text, #text, p{  
    color:rgb(163, 193, 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(163, 193, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 193, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.530, 277.269 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(163, 193, 254) }
```

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

```
.border{ border-color:rgb(163, 193, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 193, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 193, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 193, 254);  
box-shadow:4px 4px 4px 4px rgb(163, 193,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.530, 277.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 193, 254) }
```

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

```
.background{ background-color: rgb(163,  
193, 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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