

Converting Colors

CIELCh(79, 31.242, 268.853)

Have a look what the booklet for
CIELCh(79, 31.242, 268.853)
contains.

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Color

CIELCh(79, 30.978, 268.454)

Conversions

Conversions Part 1

Format	Color
Hex	9DC7FD
RGB	157, 199, 253
RGB Percent	62%, 78%, 99%
CMY	0.3854, 0.2207, 0.0090
CMYK	0.38, 0.21, 0.00, 0.01
HSL	214°, 95%, 80%
HSV	214°, 38%, 99%
XYZ	51.8888, 54.9284, 100.5468
YIQ	192.5980, -42.3660, 7.8900

Conversions

Conversions Part 2

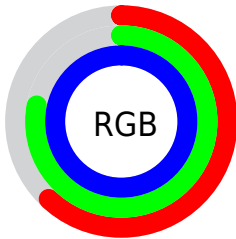
Format	Color
R _{YB}	157, 186, 253
Decimal	10340349
CIE _{Lab}	79.00, -0.84, -30.97
CIE _{LCh}	79, 30.978, 268.454
Yxy	54.9284, 0.2502, 0.2649
Android (android.graphics.Color)	4288530429 (0xFF9DC7FD)
YUV	192.5980, 29.7782, -31.2194
Hunter-Lab	74.1137, -4.7268, -28.5566

Details

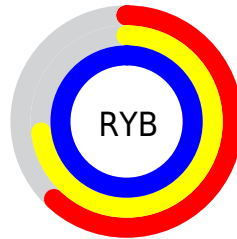
The CIELCh color `79, 30.978, 268.454` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `87, 33.124, 76.826`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 13.731, 198.590`, and `59, 30.979, 268.819` is the 20% darker color. If you saturate the color by 10%, you get `74, 39.095, 270.988`, and if you desaturate by 10%, it is `84, 22.839, 266.306`.

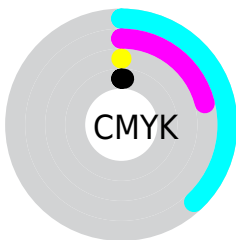
Distribution



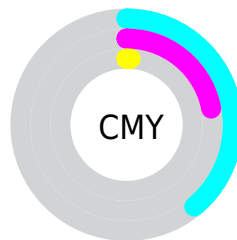
- Red (62%)
- Green (78%)
- Blue (99%)



- Red (62%)
- Yellow (73%)
- Blue (99%)



- Cyan (38%)
- Magenta (21%)
- Yellow (0%)
- Black (1%)



- Cyan (39%)
- Magenta (22%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 30.978, 268.454 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 79, 30.978, 268.454 by changing the saturation by 10% instead.

■ 79, 30.978,
268.454

■ 79, 30.978,
268.454

■ 100, 30.978,
268.454

■ 69, 30.978,
268.454

■ 99, 30.978,
268.454

■ 59, 30.978,
268.454

■ 49, 30.978,
268.454

■ 39, 30.978,
268.454

■ 29, 30.978,
268.454

■ 19, 30.978,
268.454

■ 9, 30.978, 268.454

■ 0, 30.978, 268.454

■ 79, 30.978,
268.454

■ 79, 30.978,
268.454

■ 74, 39.095,
270.988

■ 84, 22.839,
266.306

■ 69, 47.214,
273.958

■ 90, 14.682,
264.494

■ 64, 55.379,
277.381

■ 95, 6.519, 262.983

■ 59, 63.666,
281.227

■ 100, 1.154,
110.025

■ 55, 72.152,
285.387

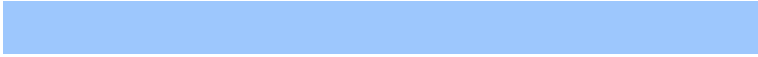
■ 51, 80.874,
289.643

■ 50, 82.665,
290.455

Harmonies

Complementary

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



79, 30.978, 268.454



87, 33.124, 76.826

Rectangle

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



79, 30.978, 268.454



79, 30.978, 318.454



79, 30.978, 88.454



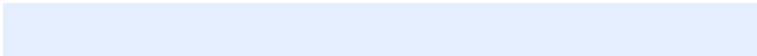
79, 30.978, 138.454

Sweetspot

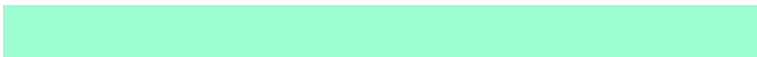
The Sweet Spot groups the original color and five complimentary colors.



79, 30.977, 268.453



94, 9.047, 263.407



93, 39.489, 162.590



49, 6.079, 263.607



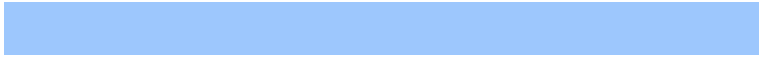
0, 0.000, 0.000



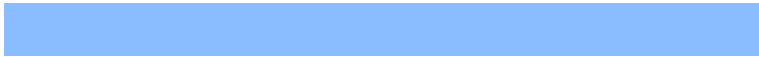
53, 0.007, 296.813

Same Dimension

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



79, 30.977, 268.453



75, 37.762, 270.458



69, 52.860, 296.752



50, 4.676, 263.193



38, 65.857, 289.711



11, 26.546, 283.672

Inverse Universe

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



75, 41.643, 351.231



72, 50.633, 352.434



97, 47.940, 108.753



50, 6.129, 347.956



41, 68.026, 8.145



10, 31.424, 1.618

Previews

White Background



This preview shows how the CIELCh color 79, 30.978, 268.454 looks on a white background.

Color Contrast Check

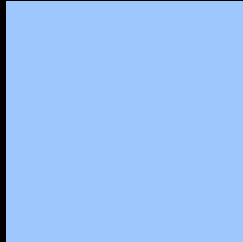
Large Text (above 18pt) WCAG AA × Fail

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 79, 30.978, 268.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

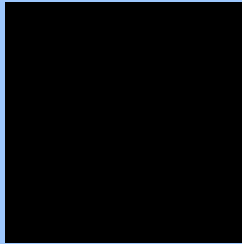
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

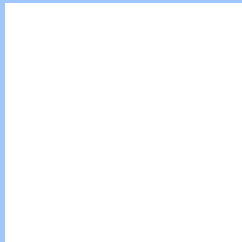
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 30.978, 268.454

Background



This preview shows how black text looks on a background with the CIELCh color 79, 30.978, 268.454.



This preview shows how white text looks on a background with the CIELCh color 79, 30.978, 268.454.

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

79, 30.978, 268.454

Protanopia

79, 29.537, 285.342

Deuteranopia

79, 33.204, 287.670



Tritanopia
79, 19.660, 225.997

Trichromacy



Original Color
79, 30.978, 268.454

Protanomaly
79, 30.003, 278.897

Deuteranomaly
79, 32.493, 281.449

Tritanomaly
79, 22.385, 246.705

Monochromacy



Original Color
79, 30.978, 268.454

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 11.775, 265.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 30.978, 268.454 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(157, 199, 253)` looks like.

```
.text, #text, p{  
    color:rgb(157, 199, 253)  
}
```

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(157, 199, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 199, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 30.978, 268.454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

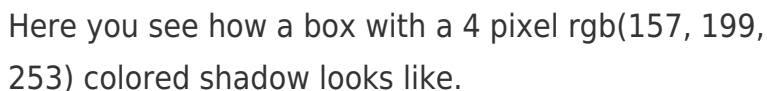
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 199, 253) }
```

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

```
.border{ border-color:rgb(157, 199, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 199, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 199, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 199, 253);  
box-shadow:4px 4px 4px 4px rgb(157, 199,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 30.978, 268.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 199, 253) }
```

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

```
.background{ background-color: rgb(157,  
199, 253) }
```

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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