

Converting Colors

CIELCh(79, 32.673, 277.942)

Have a look what the booklet for
CIELCh(79, 32.673, 277.942)
contains.

CIELCh(79, 32.330, 277.529)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 32.330, 277.529)

Conversions

Conversions Part 1

Format	Color
Hex	A8C4FF
RGB	168, 196, 255
RGB Percent	66%, 77%, 100%
CMY	0.3418, 0.2320, 0.0006
CMYK	0.34, 0.23, 0.00, 0.00
HSL	221°, 100%, 83%
HSV	221°, 34%, 100%
XYZ	53.8449, 54.9284, 102.2359
YIQ	194.3540, -35.6270, 12.4130

Conversions

Conversions Part 2

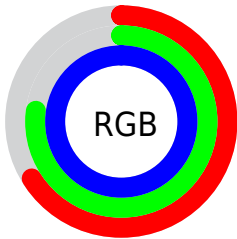
Format	Color
R_{YB}	168, 189, 255
Decimal	11060479
CIE _{Lab}	79.00, 4.24, -32.05
CIE _{LCh}	79, 32.330, 277.529
Yxy	54.9284, 0.2552, 0.2603
Android (android.graphics.Color)	4289250559 (0xFFA8C4FF)
YUV	194.3540, 29.8985, -23.1125
Hunter-Lab	74.1137, -0.0156, -29.9078

Details

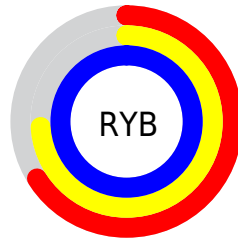
The CIELCh color **79, 32.330, 277.529** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **91, 32.398, 87.584**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 9.246, 208.484**, and **59, 32.542, 277.883** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.195, 279.778**, and if you desaturate by 10%, it is **85, 22.656, 275.607**.

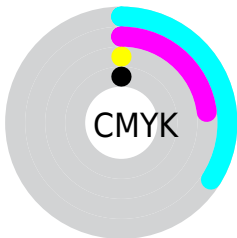
Distribution



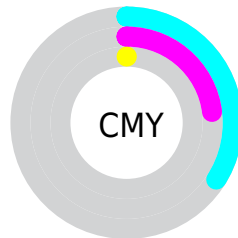
- Red (66%)
- Green (77%)
- Blue (100%)



- Red (66%)
- Yellow (74%)
- Blue (100%)



- Cyan (34%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (34%)
- Magenta (23%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 32.330, 277.529 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, 32.330, 277.529 by changing the saturation by 10% instead.


 79, 32.330,
277.529


 79, 32.330,
277.529


 100, 32.330,
277.529


 69, 32.330,
277.529


 99, 32.330,
277.529

 59, 32.330,
277.529

 49, 32.330,
277.529

 39, 32.330,
277.529

 29, 32.330,
277.529

 19, 32.330,
277.529

 9, 32.330, 277.529

■ 0, 32.330, 277.529

■ 79, 32.330,
277.529

■ 79, 32.330,
277.529

■ 73, 42.195,
279.778

■ 85, 22.656,
275.607

■ 67, 52.286,
282.394

■ 91, 13.157,
273.974

■ 61, 62.645,
285.390

■ 97, 3.823, 272.621

■ 56, 73.306,
288.732

100, 0.070,
109.065

■ 50, 84.238,
292.311

■ 46, 95.253,
295.931

■ 43,101.599,
297.927

Harmonies

Complementary

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



79, 32.330, 277.529



91, 32.398, 87.584

Rectangle

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



79, 32.330, 277.529



79, 32.330, 327.529



79, 32.330, 97.529



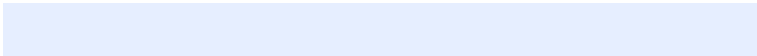
79, 32.330, 147.529

Sweetspot

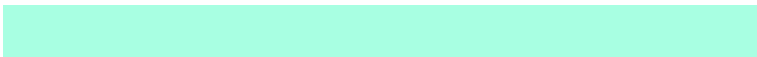
The Sweet Spot groups the original color and five complimentary colors.



79, 32.329, 277.528



94, 9.282, 273.375



94, 32.786, 170.209



49, 6.340, 273.574



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, 32.329, 277.528



75, 39.098, 279.035



73, 47.615, 299.874



50, 5.275, 273.307



32, 80.414, 297.313



8, 32.267, 292.277

Inverse Universe

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



78, 35.727, 358.386



74, 43.139, 359.490



97, 43.905, 114.206



50, 5.730, 355.311



40, 69.983, 19.258



10, 31.381, 11.169

Previews

White Background



This preview shows how the CIELCh color 79, 32.330, 277.529 looks on a white background.

Color Contrast Check

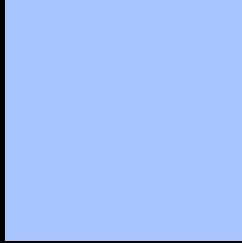
Large Text (above 18pt) WCAG AA × Fail

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, 32.330, 277.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

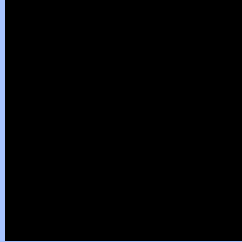
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

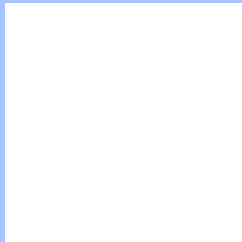
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 32.330, 277.529

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.330, 277.529.



This preview shows how white text looks on a background with the CIELCh color 79, 32.330, 277.529.

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

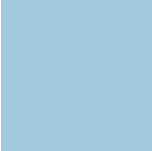
79, 32.330, 277.529

Protanopia

79, 32.231, 285.175

Deuteranopia

79, 33.732, 287.813



Tritanopia
79, 16.350, 232.516

Trichromacy



Original Color
79, 32.330, 277.529

Protanomaly
79, 32.398, 282.492

Deuteranomaly
79, 33.348, 284.515

Tritanomaly
79, 20.468, 255.954

Monochromacy



Original Color
79, 32.330, 277.529

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 11.771, 272.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.330, 277.529 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(168, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 196, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.330, 277.529 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(168, 196, 255) }
```

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

```
.border{ border-color:rgb(168, 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(168, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 196,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.330, 277.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 196, 255) }
```

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

```
.background{ background-color: rgb(168,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor