

Converting Colors

CIELCh(79, 31.811, 267.344)

Have a look what the booklet for
CIELCh(79, 31.811, 267.344)
contains.

CIELCh(79, 31.752, 267.557)	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, 31.752, 267.557)

Conversions

Conversions Part 1

Format	Color
Hex	9AC7FE
RGB	154, 199, 254
RGB Percent	60%, 78%, 100%
CMY	0.3957, 0.2192, 0.0035
CMYK	0.39, 0.22, 0.00, 0.00
HSL	213°, 98%, 80%
HSV	213°, 39%, 100%
XYZ	51.6918, 54.9284, 101.7229
YIQ	191.8150, -44.4750, 7.5650

Conversions

Conversions Part 2

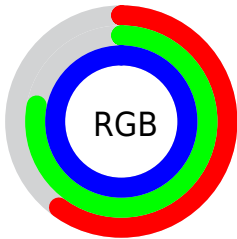
Format	Color
RYB	154, 185, 254
Decimal	10143742
CIELab	79.00, -1.35, -31.72
CIELCh	79, 31.752, 267.557
Yxy	54.9284, 0.2481, 0.2636
Android (android.graphics.Color)	4288333822 (0xFF9AC7FE)
YUV	191.8150, 30.6572, -33.1638
Hunter-Lab	74.1137, -5.2012, -29.4974

Details

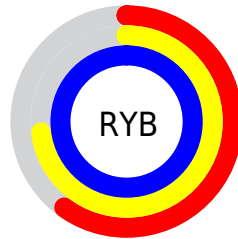
The CIELCh color `79, 31.752, 267.557` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `87, 34.325, 75.441`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 14.683, 198.527`, and `59, 31.842, 267.665` is the 20% darker color. If you saturate the color by 10%, you get `74, 39.725, 270.160`, and if you desaturate by 10%, it is `84, 23.732, 265.353`.

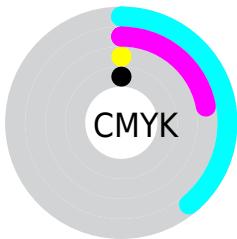
Distribution



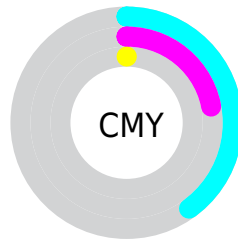
- Red (60%)
- Green (78%)
- Blue (100%)



- Red (60%)
- Yellow (73%)
- Blue (100%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (22%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 31.752, 267.557 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, 31.752, 267.557 by changing the saturation by 10% instead.


 79, 31.752,
267.557


 79, 31.752,
267.557


 100, 31.752,
267.557


 69, 31.752,
267.557


 99, 31.752,
267.557

 59, 31.752,
267.557

 49, 31.752,
267.557

 39, 31.752,
267.557

 29, 31.752,
267.557

 19, 31.752,
267.557

 9, 31.752, 267.557

■ 0, 31.752, 267.557

■ 79, 31.752,
267.557

■ 79, 31.752,
267.557

■ 74, 39.725,
270.160

■ 84, 23.732,
265.353

■ 69, 47.676,
273.210

■ 89, 15.672,
263.497

■ 64, 55.653,
276.725

■ 95, 7.584, 261.945

■ 60, 63.737,
280.666

100, 0.445,
109.767

■ 55, 72.015,
284.914

100, 0.447,
109.972

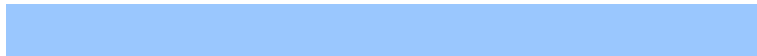
■ 51, 80.537,
289.216

■ 51, 81.096,
289.478

Harmonies

Complementary

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



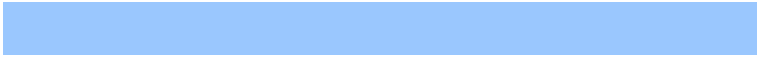
79, 31.752, 267.557



87, 34.325, 75.441

Rectangle

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



79, 31.752, 267.557



79, 31.752, 317.557



79, 31.752, 87.557



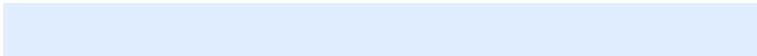
79, 31.752, 137.557

Sweetspot

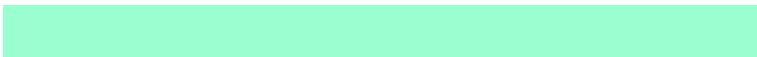
The Sweet Spot groups the original color and five complimentary colors.



79, 31.751, 267.556



94, 9.752, 262.327



93, 41.012, 162.417



49, 6.468, 262.523



0, 0.000, 0.000



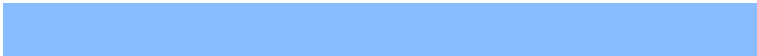
53, 0.007, 296.813

Same Dimension

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



79, 31.751, 267.556



75, 37.959, 269.510



68, 55.175, 296.975



50, 4.622, 261.966



39, 64.327, 288.706



11, 25.968, 282.562

Inverse Universe

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



75, 43.606, 350.645



71, 51.986, 351.792



97, 49.816, 108.634



50, 6.177, 347.228



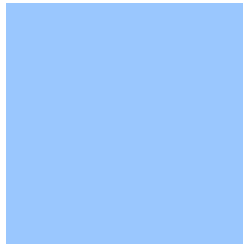
41, 67.999, 6.939



10, 31.488, 0.587

Previews

White Background



This preview shows how the CIELCh color 79, 31.752, 267.557 looks on a white background.

Color Contrast Check

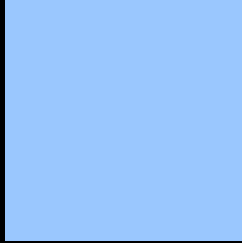
Large Text (above 18pt) WCAG AA × Fail

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, 31.752, 267.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

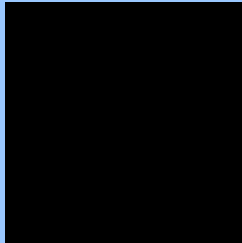
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

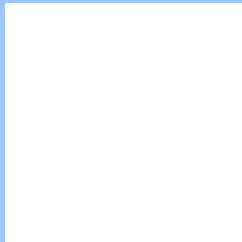
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 31.752, 267.557

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.752, 267.557.



This preview shows how white text looks on a background with the CIELCh color 79, 31.752, 267.557.

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

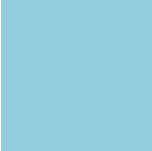
79, 31.752, 267.557

Protanopia

79, 30.622, 285.147

Deuteranopia

79, 33.755, 287.294



Tritanopia
79, 20.508, 223.000

Trichromacy



Original Color
79, 31.752, 267.557

Protanomaly
79, 30.576, 278.666

Deuteranomaly
79, 32.623, 279.886

Tritanomaly
79, 22.815, 243.480

Monochromacy



Original Color
79, 31.752, 267.557

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 12.058, 262.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.752, 267.557 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(154, 199, 254)` looks like.

```
.text, #text, p{  
    color:rgb(154, 199, 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(154, 199, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 199, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.752, 267.557 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(154, 199, 254) }
```

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

```
.border{ border-color:rgb(154, 199, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 199, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 199, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 199, 254);  
box-shadow:4px 4px 4px 4px rgb(154, 199,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.752, 267.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 199, 254) }
```

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

```
.background{ background-color: rgb(154,  
199, 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](#).

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