

Converting Colors

CIELCh(79, 31.891, 262.337)

Have a look what the booklet for
CIELCh(79, 31.891, 262.337)
contains.

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Color

CIELCh(79, 31.922, 261.997)

Conversions

Conversions Part 1

Format	Color
Hex	92C9FE
RGB	146, 201, 254
RGB Percent	57%, 79%, 100%
CMY	0.4281, 0.2124, 0.0047
CMYK	0.43, 0.21, 0.00, 0.00
HSL	209°, 98%, 78%
HSV	209°, 43%, 100%
XYZ	50.5262, 54.9284, 101.5481
YIQ	190.5970, -49.7930, 4.8230

Conversions

Conversions Part 2

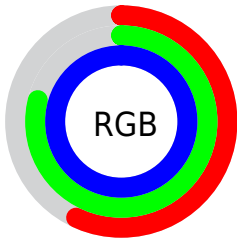
Format	Color
RYB	146, 182, 254
Decimal	9619966
CIELab	79.00, -4.44, -31.61
CIELCh	79, 31.922, 261.997
Yxy	54.9284, 0.2441, 0.2654
Android (android.graphics.Color)	4287810046 (0xFF92C9FE)
YUV	190.5970, 31.2577, -39.1116
Hunter-Lab	74.1137, -8.0084, -29.3576

Details

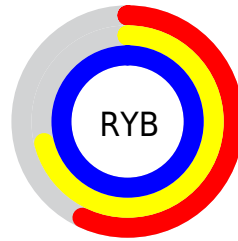
The CIELCh color **79, 31.922, 261.997** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **84, 36.394, 69.103**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 17.181, 198.366**, and **59, 31.957, 261.946** is the 20% darker color. If you saturate the color by 10%, you get **74, 39.027, 264.762**, and if you desaturate by 10%, it is **84, 24.644, 259.675**.

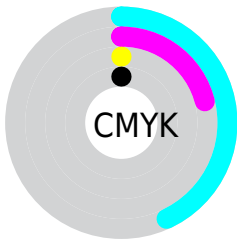
Distribution



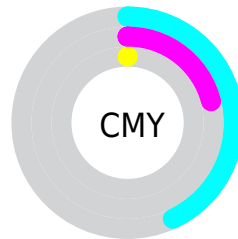
- Red (57%)
- Green (79%)
- Blue (100%)



- Red (57%)
- Yellow (71%)
- Blue (100%)



- Cyan (43%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.922, 261.997 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, 31.922, 261.997 by changing the saturation by 10% instead.

■ 79, 31.922,
261.997

■ 79, 31.922,
261.997

■ 100, 31.922,
261.997

■ 69, 31.922,
261.997

■ 99, 31.922,
261.997

■ 59, 31.922,
261.997

■ 49, 31.922,
261.997

■ 39, 31.922,
261.997

■ 29, 31.922,
261.997

■ 19, 31.922,
261.997

■ 9, 31.922, 261.997

0, 31.922, 261.997

79, 31.922,
261.997

79, 31.922,
261.997

74, 39.027,
264.762

84, 24.644,
259.675

70, 45.977,
268.026

89, 17.207,
257.738

66, 52.825,
271.806

93, 9.639, 256.129

62, 59.673,
276.061

98, 1.973, 254.940

100, 0.590,
110.003

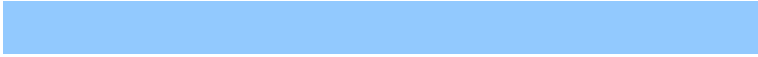
58, 66.646,
280.654

55, 72.006,
284.098

Harmonies

Complementary

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



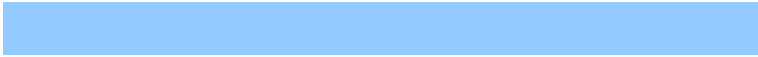
79, 31.922, 261.997



84, 36.394, 69.103

Rectangle

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



79, 31.922, 261.997



79, 31.922, 311.997



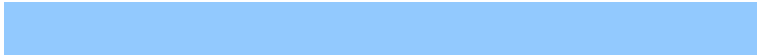
79, 31.922, 81.997



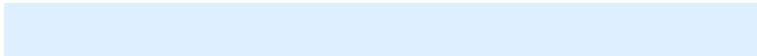
79, 31.922, 131.997

Sweetspot

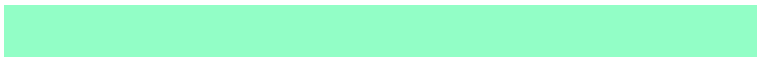
The Sweet Spot groups the original color and five complimentary colors.



79, 31.921, 261.996



94, 10.022, 256.196



92, 46.585, 158.471



49, 7.003, 256.528



0, 0.000, 0.000



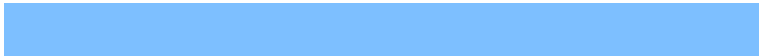
53, 0.007, 296.813

Same Dimension

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



79, 31.921, 261.996



75, 38.081, 264.306



65, 58.911, 295.496



51, 4.392, 255.702



42, 57.225, 283.257



12, 23.337, 276.629

Inverse Universe

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



73, 48.538, 347.471



69, 57.771, 348.681



97, 52.765, 105.323



50, 6.423, 343.903



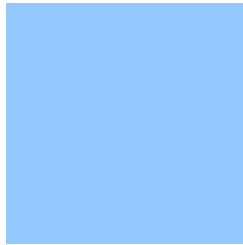
41, 68.355, 1.227



10, 31.960, 355.773

Previews

White Background



This preview shows how the CIELCh color 79, 31.922, 261.997 looks on a white background.

Color Contrast Check

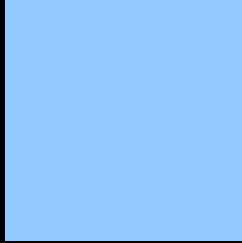
Large Text (above 18pt) WCAG AA × Fail

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, 31.922, 261.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

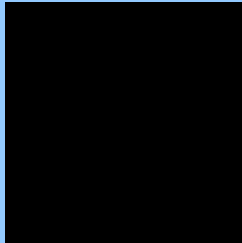
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

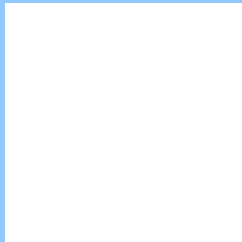
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 31.922, 261.997

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.922, 261.997.



This preview shows how white text looks on a background with the CIELCh color 79, 31.922, 261.997.

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
79, 23.164, 221.283

Trichromacy



Original Color
79, 31.922, 261.997

Protanomaly
79, 29.810, 275.744

Deuteranomaly
79, 32.801, 278.378

Tritanomaly
79, 24.803, 238.918

Monochromacy



Original Color
79, 31.922, 261.997

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 12.122, 256.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.922, 261.997 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(146, 201, 254)` looks like.

```
.text, #text, p{  
    color:rgb(146, 201, 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(146, 201, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 201, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.922, 261.997 is called "border". The border property can be set on classes, ids or directly on the HTML element.

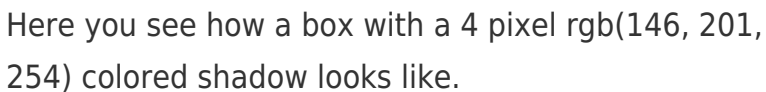
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(146, 201, 254) }
```

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

```
.border{ border-color:rgb(146, 201, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(146, 201, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 201, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 201, 254);  
box-shadow:4px 4px 4px 4px rgb(146, 201,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.922, 261.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 201, 254) }
```

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

```
.background{ background-color: rgb(146,  
201, 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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