

Converting Colors

CIELCh(82, 28.814, 255.964)

Have a look what the booklet for
CIELCh(82, 28.814, 255.964)
contains.

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Color

CIELCh(82, 28.558, 255.913)

Conversions

Conversions Part 1

Format	Color
Hex	9AD2FF
RGB	154, 210, 255
RGB Percent	60%, 82%, 100%
CMY	0.3954, 0.1758, 0.0000
CMYK	0.40, 0.18, 0.00, 0.00
HSL	207°, 100%, 80%
HSV	207°, 40%, 100%
XYZ	54.5287, 60.2982, 103.5260
YIQ	198.3860, -47.8210, 2.1230

Conversions

Conversions Part 2

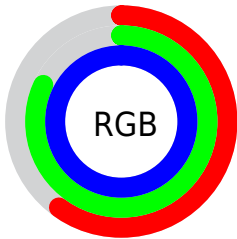
Format	Color
RYB	154, 190, 255
Decimal	10146559
CIELab	82.00, -6.95, -27.70
CIELCh	82, 28.558, 255.913
Yxy	60.2982, 0.2497, 0.2762
Android (android.graphics.Color)	4288336639 (0xFF9AD2FF)
YUV	198.3860, 27.9107, -38.9265
Hunter-Lab	77.6519, -10.5446, -24.6894

Details

The CIELCh color **82, 28.558, 255.913** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **84, 33.273, 64.679**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.683, 198.527**, and **62, 28.389, 255.265** is the 20% darker color. If you saturate the color by 10%, you get **78, 35.104, 258.360**, and if you desaturate by 10%, it is **86, 21.592, 253.636**.

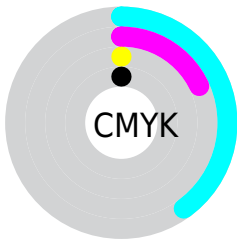
Distribution



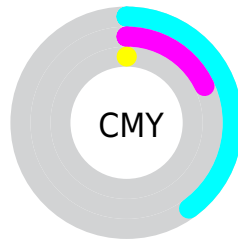
- Red (60%)
- Green (82%)
- Blue (100%)



- Red (60%)
- Yellow (75%)
- Blue (100%)



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 28.558, 255.913 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 82, 28.558, 255.913 by changing the saturation by 10% instead.

■ 82, 28.558,
255.913

■ 82, 28.558,
255.913

■ 100, 28.558,
255.913

■ 72, 28.558,
255.913

■ 62, 28.558,
255.913

■ 52, 28.558,
255.913

■ 42, 28.558,
255.913

■ 32, 28.558,
255.913

■ 22, 28.558,
255.913

■ 12, 28.558,

255.913

■ 2, 28.558, 255.913

■ 0, 28.558, 255.913

■ 82, 28.558,
255.913

■ 82, 28.558,
255.913

■ 78, 35.104,
258.360

■ 86, 21.592,
253.636

■ 73, 41.445,
261.454

■ 91, 14.461,
251.870

■ 69, 47.536,
265.107

■ 96, 7.135, 250.431

■ 66, 53.462,
269.314

100, 0.012,
296.813

■ 62, 59.362,

273.990

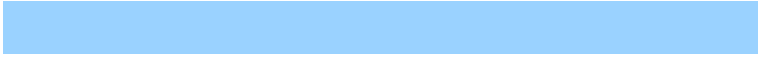
■ 59, 65.414,
278.882

■ 58, 65.702,
279.099

Harmonies

Complementary

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



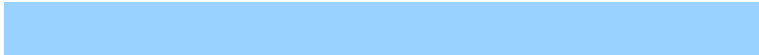
82, 28.558, 255.913



84, 33.273, 64.679

Rectangle

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



82, 28.558, 255.913



82, 28.558, 305.913



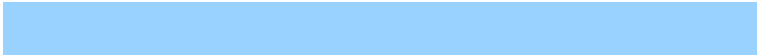
82, 28.558, 75.913



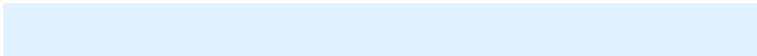
82, 28.558, 125.913

Sweetspot

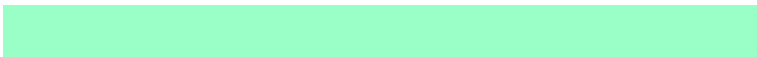
The Sweet Spot groups the original color and five complimentary colors.



82, 28.484, 255.776



94, 8.955, 250.755



93, 45.458, 156.427



50, 5.932, 250.935



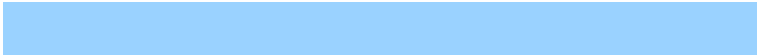
0, 0.000, 0.000



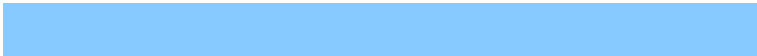
53, 0.007, 296.813

Same Dimension

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



82, 28.484, 255.776



79, 33.451, 257.658



69, 51.621, 292.962



51, 4.254, 250.427



44, 52.087, 278.194



13, 21.487, 271.236

Inverse Universe

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



76, 46.606, 344.470



71, 54.964, 345.389



96, 47.202, 103.251



50, 6.628, 341.500



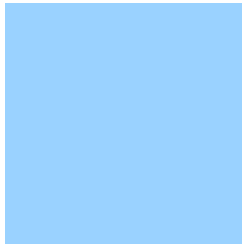
41, 69.165, 356.939



11, 32.499, 352.216

Previews

White Background



This preview shows how the CIELCh color 82, 28.558, 255.913 looks on a white background.

Color Contrast Check

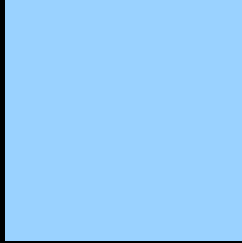
Large Text (above 18pt) WCAG AA × Fail

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 82, 28.558, 255.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

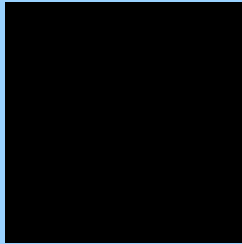
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

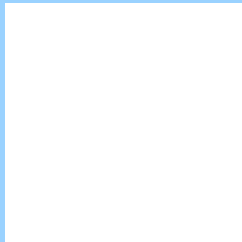
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 28.558, 255.913

Background



This preview shows how black text looks on a background with the CIELCh color 82, 28.558, 255.913.



This preview shows how white text looks on a background with the CIELCh color 82, 28.558, 255.913.

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

82, 28.558, 255.913

Protanopia

82, 25.566, 285.812

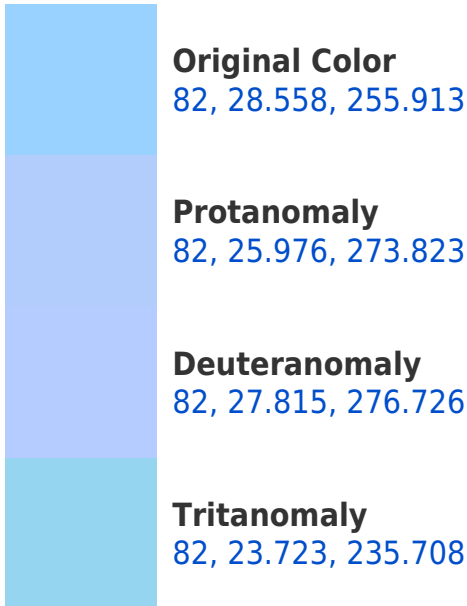
Deuteranopia

82, 29.194, 289.530



Tritanopia
82, 22.388, 222.027

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 28.558, 255.913 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, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 210, 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(154, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 210, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 28.558, 255.913 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, 210, 255) }
```

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

```
.border{ border-color:rgb(154, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(154, 210,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 28.558, 255.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 210, 255) }
```

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

```
.background{ background-color: rgb(154,  
210, 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](#).

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