

Converting Colors

CIELCh(82, 29.658, 251.466)

Have a look what the booklet for
CIELCh(82, 29.658, 251.466)
contains.

CIELCh(82, 29.298, 250.054)	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(82, 29.298, 250.054)

Conversions

Conversions Part 1

Format	Color
Hex	92D4FF
RGB	146, 212, 255
RGB Percent	57%, 83%, 100%
CMY	0.4282, 0.1693, 0.0007
CMYK	0.43, 0.17, 0.00, 0.00
HSL	204°, 100%, 79%
HSV	204°, 43%, 100%
XYZ	53.3390, 60.2982, 103.2757
YIQ	197.1680, -53.1390, -0.6190

Conversions

Conversions Part 2

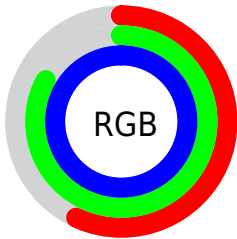
Format	Color
RYB	146, 187, 255
Decimal	9622783
CIELab	82.00, -9.99, -27.54
CIELCh	82, 29.298, 250.054
Yxy	60.2982, 0.2459, 0.2780
Android (android.graphics.Color)	4287812863 (0xFF92D4FF)
YUV	197.1680, 28.5112, -44.8743
Hunter-Lab	77.6519, -13.2793, -24.4983

Details

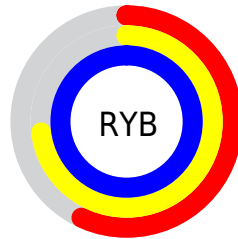
The CIELCh color `82, 29.298, 250.054` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `82, 36.165, 59.062`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 16.872, 198.386`, and `62, 29.344, 250.537` is the 20% darker color. If you saturate the color by 10%, you get `78, 35.252, 252.678`, and if you desaturate by 10%, it is `86, 22.949, 247.904`.

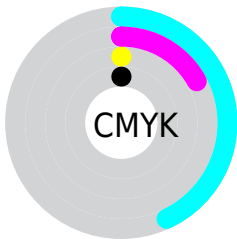
Distribution



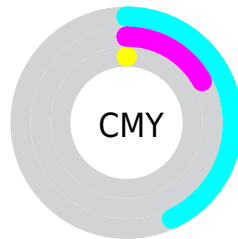
- Red (57%)
- Green (83%)
- Blue (100%)



- Red (57%)
- Yellow (73%)
- Blue (100%)



- Cyan (43%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 29.298, 250.054 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, 29.298, 250.054 by changing the saturation by 10% instead.

■ 82, 29.298,
250.054

■ 82, 29.298,
250.054

■ 100, 29.298,
250.054

■ 72, 29.298,
250.054

■ 62, 29.298,
250.054

■ 52, 29.298,
250.054

■ 42, 29.298,
250.054

■ 32, 29.298,
250.054

■ 22, 29.298,
250.054

■ 12, 29.298,

250.054

■ 2, 29.298, 250.054

■ 0, 29.298, 250.054

■ 82, 29.298,
250.054

■ 82, 29.298,
250.054

■ 78, 35.252,
252.678

■ 86, 22.949,
247.904

■ 74, 40.798,
255.859

■ 90, 16.252,
246.156

■ 71, 45.968,
259.649

■ 94, 9.264, 244.744

■ 67, 50.859,
264.051

■ 99, 2.043, 243.770

100, 0.084,
109.249

■ 64, 55.636,

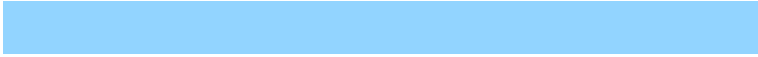
268.969

■ 62, 59.154,
272.655

Harmonies

Complementary

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



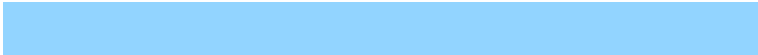
82, 29.298, 250.054



82, 36.165, 59.062

Rectangle

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



82, 29.298, 250.054



82, 29.298, 300.054



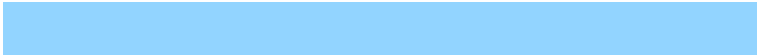
82, 29.298, 70.054



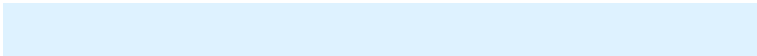
82, 29.298, 120.054

Sweetspot

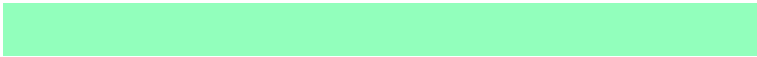
The Sweet Spot groups the original color and five complimentary colors.



82, 29.297, 250.053



94, 9.431, 244.772



92, 50.988, 153.783



49, 6.577, 245.058



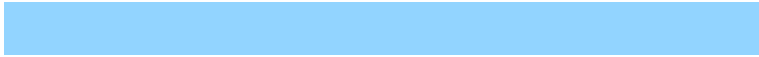
0, 0.000, 0.000



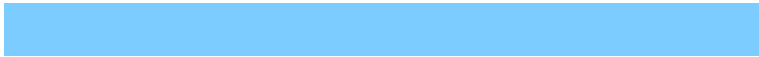
53, 0.007, 296.813

Same Dimension

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



82, 29.297, 250.053



79, 34.246, 252.175



68, 52.990, 291.426



51, 4.146, 244.352



47, 47.018, 271.704



14, 19.717, 264.494

Inverse Universe

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



74, 51.809, 342.156



70, 60.987, 343.114



95, 48.642, 100.287



50, 6.864, 339.057



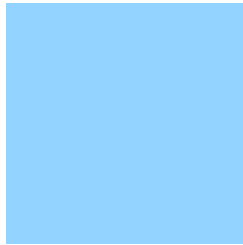
42, 70.535, 352.500



11, 33.240, 348.563

Previews

White Background



This preview shows how the CIELCh color 82, 29.298, 250.054 looks on a white background.

Color Contrast Check

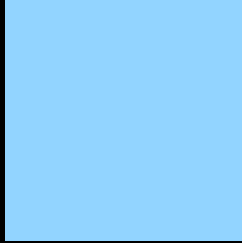
Large Text (above 18pt) WCAG AA × Fail

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, 29.298, 250.054 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, 29.298, 250.054

Background



This preview shows how black text looks on a background with the CIELCh color 82, 29.298, 250.054.

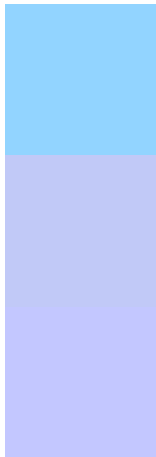


This preview shows how white text looks on a background with the CIELCh color 82, 29.298, 250.054.

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

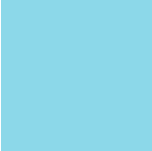
82, 29.298, 250.054

Protanopia

82, 24.488, 286.160

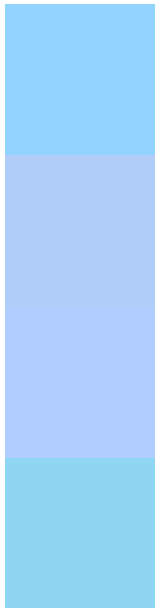
Deuteranopia

82, 29.739, 290.262



Tritanopia
82, 24.844, 219.362

Trichromacy



Original Color
82, 29.298, 250.054

Protanomaly
82, 25.252, 270.884

Deuteranomaly
82, 28.041, 274.933

Tritanomaly
82, 25.646, 232.360

Monochromacy



Original Color
82, 29.298, 250.054

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 11.659, 246.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 29.298, 250.054 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, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(146, 212, 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(146, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 212, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 29.298, 250.054 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, 212, 255) }
```

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

```
.border{ border-color:rgb(146, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(146, 212,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 29.298, 250.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 212, 255) }
```

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

```
.background{ background-color: rgb(146,  
212, 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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