

Converting Colors

CIELCh(82, 30.854, 247.357)

Have a look what the booklet for
CIELCh(82, 30.854, 247.357)
contains.

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Color

CIELCh(82, 30.399, 245.882)

Conversions

Conversions Part 1

Format	Color
Hex	8AD5FF
RGB	138, 213, 255
RGB Percent	54%, 84%, 100%
CMY	0.4583, 0.1642, 0.0000
CMYK	0.46, 0.16, 0.00, 0.00
HSL	201°, 100%, 77%
HSV	201°, 46%, 100%
XYZ	52.4029, 60.2982, 103.5989
YIQ	195.3630, -58.1820, -2.8380

Conversions

Conversions Part 2

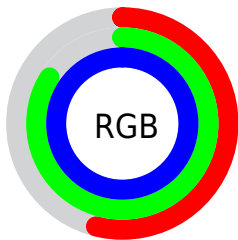
Format	Color
R _Y B	138, 184, 255
Decimal	9098751
CIE Lab	82.00, -12.42, -27.75
CIE LCh	82, 30.399, 245.882
Yxy	60.2982, 0.2423, 0.2788
Android (android.graphics.Color)	4287288831 (0xFF8AD5FF)
YUV	195.3630, 29.4010, -50.3074
Hunter-Lab	77.6519, -15.4312, -24.7451

Details

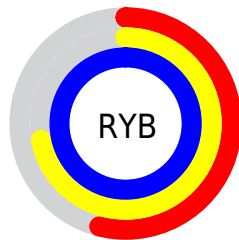
The CIELCh color **82, 30.399, 245.882** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **79, 39.293, 55.058**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.314, 198.231**, and **62, 30.474, 246.102** is the 20% darker color. If you saturate the color by 10%, you get **78, 35.809, 248.412**, and if you desaturate by 10%, it is **86, 24.410, 243.624**.

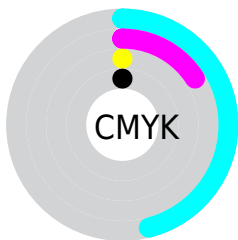
Distribution



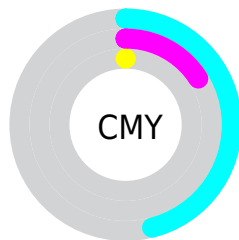
- Red (54%)
- Green (84%)
- Blue (100%)



- Red (54%)
- Yellow (72%)
- Blue (100%)



- Cyan (46%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)





- Cyan (46%)
- Magenta (16%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 30.399, 245.882 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, 30.399, 245.882 by changing the saturation by 10% instead.


 82, 30.399,
245.882


 82, 30.399,
245.882


 100, 30.399,
245.882


 72, 30.399,
245.882

 62, 30.399,
245.882

 52, 30.399,
245.882

 42, 30.399,
245.882

 32, 30.399,
245.882

 22, 30.399,
245.882

 12, 30.399,

245.882

■ 2, 30.399, 245.882

■ 0, 30.399, 245.882

■ 82, 30.399,
245.882

■ 82, 30.399,
245.882

■ 78, 35.809,
248.412

■ 86, 24.410,
243.624

■ 75, 40.758,
251.644

■ 90, 18.029,
241.899

■ 72, 45.240,
255.523

■ 94, 11.278,
240.520

■ 69, 49.367,
260.051

■ 98, 4.227, 239.474

■ 66, 53.326,

100, 0.012,
296.813

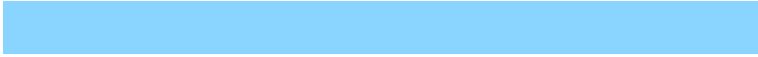
265.123

■ 65, 55.012,
267.277

Harmonies

Complementary

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



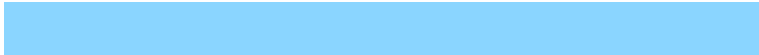
82, 30.399, 245.882



79, 39.293, 55.058

Rectangle

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



82, 30.399, 245.882



82, 30.399, 295.882



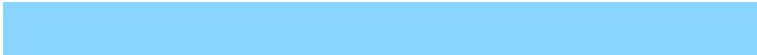
82, 30.399, 65.882



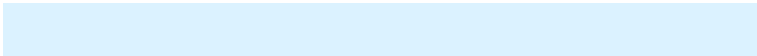
82, 30.399, 115.882

Sweetspot

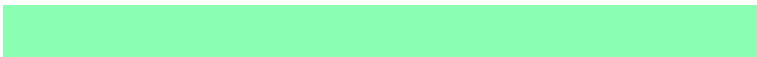
The Sweet Spot groups the original color and five complimentary colors.



82, 30.354, 245.767



94, 10.010, 240.302



92, 55.928, 151.996



49, 6.883, 240.561



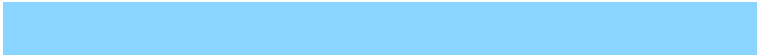
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 30.354, 245.767



79, 35.377, 248.172



67, 54.877, 290.503



51, 4.098, 239.811



49, 43.781, 266.302



15, 18.625, 259.032

Inverse Universe

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



72, 56.581, 340.640



68, 66.571, 341.668



93, 50.502, 98.025



50, 7.042, 337.400



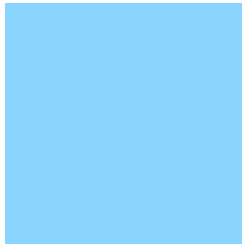
42, 71.811, 349.471



11, 33.866, 346.077

Previews

White Background



This preview shows how the CIE LCh color 82, 30.399, 245.882 looks on a white background.

Color Contrast Check

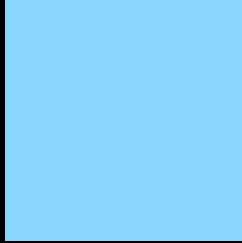
Large Text (above 18pt) WCAG AA × Fail

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, 30.399, 245.882 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

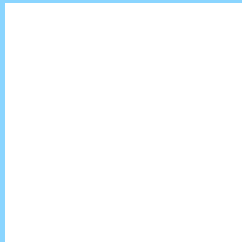
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 30.399, 245.882

Background



This preview shows how black text looks on a background with the CIELCh color 82, 30.399, 245.882.



This preview shows how white text looks on a background with the CIELCh color 82, 30.399, 245.882.

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
82, 26.973, 217.460

Trichromacy



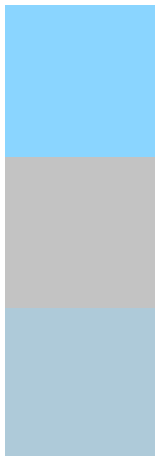
Original Color
82, 30.399, 245.882

Protanomaly
82, 25.558, 268.974

Deuteranomaly
82, 28.289, 273.188

Tritanomaly
82, 27.555, 228.227

Monochromacy



Original Color
82, 30.399, 245.882

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 12.261, 239.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 30.399, 245.882 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(138, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(138, 213, 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(138, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 213, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 30.399, 245.882 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(138, 213, 255) }
```

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

```
.border{ border-color:rgb(138, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(138, 213,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 30.399, 245.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 213, 255) }
```

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

```
.background{ background-color: rgb(138,  
213, 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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