

Converting Colors

CIELCh(85, 26.469, 238.766)

Have a look what the booklet for
CIELCh(85, 26.469, 238.766)
contains.

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Color

CIELCh(85, 26.439, 238.169)

Conversions

Conversions Part 1

Format	Color
Hex	98DEFE
RGB	152, 222, 254
RGB Percent	60%, 87%, 100%
CMY	0.4043, 0.1298, 0.0043
CMYK	0.40, 0.13, 0.00, 0.00
HSL	199°, 98%, 80%
HSV	199°, 40%, 100%
XYZ	56.9002, 66.0070, 103.4249
YIQ	204.7180, -51.9920, -4.8880

Conversions

Conversions Part 2

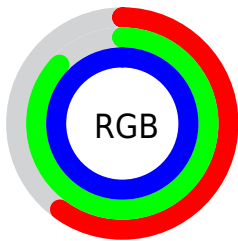
Format	Color
RYB	152, 194, 254
Decimal	10018558
CIELab	85.00, -13.94, -22.46
CIELCh	85, 26.439, 238.169
Yxy	66.0070, 0.2514, 0.2916
Android (android.graphics.Color)	4288208638 (0xFF98DEFE)
YUV	204.7180, 24.2960, -46.2337
Hunter-Lab	81.2447, -17.1648, -18.6052

Details

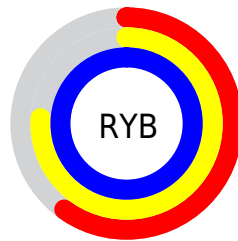
The CIELCh color **85, 26.439, 238.169** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80, 33.920, 50.759**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.999, 198.507**, and **65, 26.265, 237.828** is the 20% darker color. If you saturate the color by 10%, you get **82, 31.833, 240.271**, and if you desaturate by 10%, it is **88, 20.490, 236.499**.

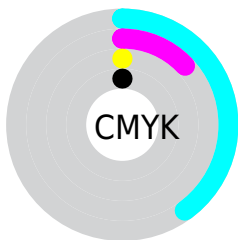
Distribution



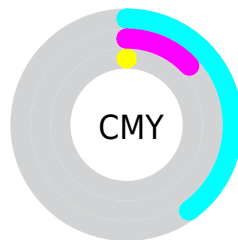
- Red (60%)
- Green (87%)
- Blue (100%)



- Red (60%)
- Yellow (76%)
- Blue (100%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (13%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 26.439, 238.169 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 85, 26.439, 238.169 by changing the saturation by 10% instead.


 85, 26.439,
238.169


 85, 26.439,
238.169


 100, 26.439,
238.169


 75, 26.439,
238.169

 65, 26.439,
238.169

 55, 26.439,
238.169

 45, 26.439,
238.169

 35, 26.439,
238.169

 25, 26.439,
238.169

 15, 26.439,

238.169

■ 5, 26.439, 238.169

■ 0, 26.439, 238.169

■ 85, 26.439,
238.169

■ 85, 26.439,
238.169

■ 82, 31.833,
240.271

■ 88, 20.490,
236.499

■ 78, 36.619,
242.902

■ 92, 14.068,
235.186

■ 75, 40.780,
246.152

■ 96, 7.254, 234.178

■ 73, 44.368,
250.085

■ 100, 0.130,
237.870

■ 70, 47.517,

100, 0.545,
109.995

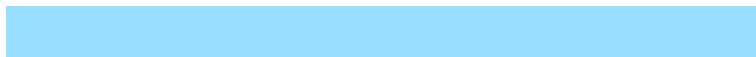
254.704

■ 68, 50.434,
259.725

Harmonies

Complementary

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



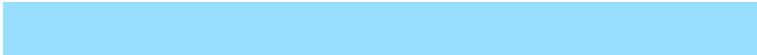
85, 26.439, 238.169



80, 33.920, 50.759

Rectangle

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



85, 26.439, 238.169



85, 26.439, 288.169



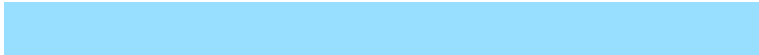
85, 26.439, 58.169



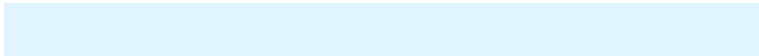
85, 26.439, 108.169

Sweetspot

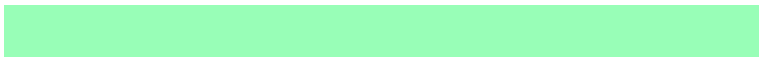
The Sweet Spot groups the original color and five complimentary colors.



85, 26.438, 238.167



95, 8.555, 234.339



92, 51.155, 150.720



50, 5.659, 234.461



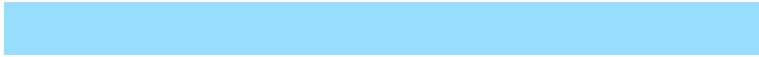
0, 0.000, 0.000



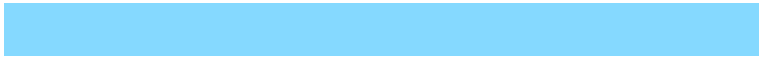
53, 0.007, 296.813

Same Dimension

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



85, 26.438, 238.167



83, 30.819, 239.775



72, 44.597, 286.679



51, 4.075, 234.122



52, 40.382, 258.763



16, 17.526, 251.634

Inverse Universe

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



75, 51.257, 337.957



71, 60.749, 338.691



93, 42.328, 95.605



50, 7.269, 335.475



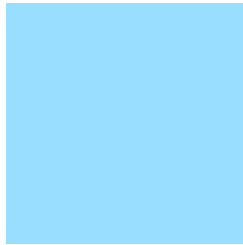
42, 73.681, 345.964



11, 34.730, 343.197

Previews

White Background



This preview shows how the CIELCh color 85, 26.439, 238.169 looks on a white background.

Color Contrast Check

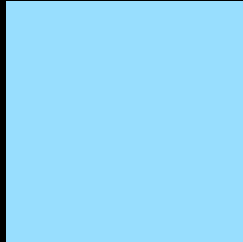
Large Text (above 18pt) WCAG AA × Fail

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 85, 26.439, 238.169 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 85, 26.439, 238.169

Background



This preview shows how black text looks on a background with the CIELCh color 85, 26.439, 238.169.



This preview shows how white text looks on a background with the CIELCh color 85, 26.439, 238.169.

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](#).

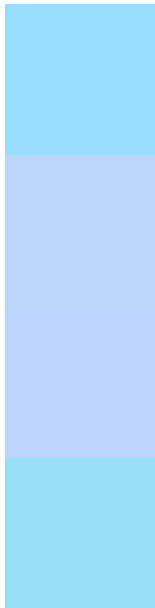
Dichromacy





Tritanopia
85, 24.703, 220.717

Trichromacy



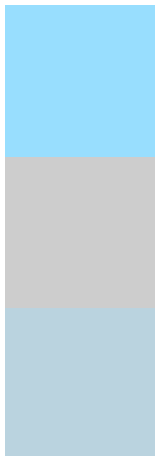
Original Color
85, 26.439, 238.169

Protanomaly
85, 20.255, 265.110

Deuteranomaly
84, 23.670, 273.124

Tritanomaly
85, 25.014, 227.271

Monochromacy



Original Color
85, 26.439, 238.169

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 10.517, 236.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 26.439, 238.169 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(152, 222, 254)` looks like.

```
.text, #text, p{  
    color:rgb(152, 222, 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(152, 222, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 222, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 26.439, 238.169 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(152, 222, 254) }
```

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

```
.border{ border-color:rgb(152, 222, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 222, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 222, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 222, 254);  
box-shadow:4px 4px 4px 4px rgb(152, 222,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 26.439, 238.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 222, 254) }
```

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

```
.background{ background-color: rgb(152,  
222, 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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