

Converting Colors

CIELCh(85, 26.506, 240.418)

Have a look what the booklet for
CIELCh(85, 26.506, 240.418)
contains.

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Color

CIELCh(85, 26.519, 239.549)

Conversions

Conversions Part 1

Format	Color
Hex	99DEFF
RGB	153, 222, 255
RGB Percent	60%, 87%, 100%
CMY	0.4013, 0.1307, 0.0013
CMYK	0.40, 0.13, 0.00, 0.00
HSL	199°, 99%, 80%
HSV	199°, 40%, 100%
XYZ	57.1048, 66.0070, 104.0548
YIQ	205.1310, -51.7170, -4.3650

Conversions

Conversions Part 2

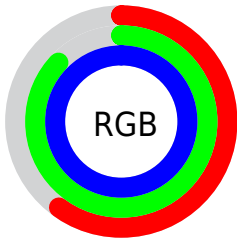
Format	Color
R _Y B	153, 194, 255
Decimal	10084095
CIE Lab	85.00, -13.44, -22.86
CIE LCh	85, 26.519, 239.549
Yxy	66.0070, 0.2514, 0.2906
Android (android.graphics.Color)	4288274175 (0xFF99DEFF)
YUV	205.1310, 24.5854, -45.7189
Hunter-Lab	81.2447, -16.7153, -19.0648

Details

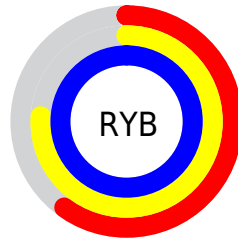
The CIELCh color **85, 26.519, 239.549** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **81, 33.801, 51.784**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.683, 198.527**, and **65, 26.363, 239.274** is the 20% darker color. If you saturate the color by 10%, you get **82, 31.996, 241.706**, and if you desaturate by 10%, it is **89, 20.507, 237.828**.

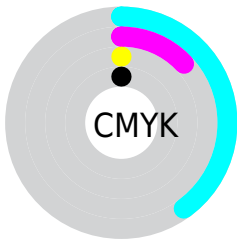
Distribution



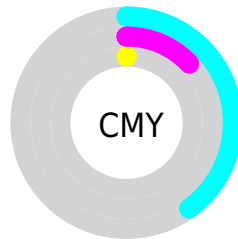
- Red (60%)
- Green (87%)
- Blue (100%)



- 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, 26.519, 239.549 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, 26.519, 239.549 by changing the saturation by 10% instead.

■ 85, 26.519,
239.549

■ 85, 26.519,
239.549

■ 100, 26.519,
239.549

■ 75, 26.519,
239.549

■ 65, 26.519,
239.549

■ 55, 26.519,
239.549

■ 45, 26.519,
239.549

■ 35, 26.519,
239.549

■ 25, 26.519,
239.549

■ 15, 26.519,

239.549

■ 5, 26.519, 239.549

■ 0, 26.519, 239.549

■ 85, 26.519,
239.549

■ 85, 26.519,
239.549

■ 82, 31.996,
241.706

■ 89, 20.507,
237.828

■ 78, 36.886,
244.396

■ 92, 14.037,
236.470

■ 75, 41.178,
247.705

■ 96, 7.189, 235.420

■ 72, 44.926,
251.695

100, 0.042,
248.637

■ 70, 48.267,

100, 0.158,
109.678

256.360

■ 67, 51.440,
261.473

Harmonies

Complementary

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



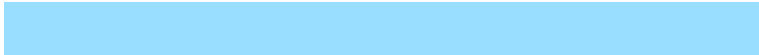
85, 26.519, 239.549



81, 33.801, 51.784

Rectangle

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



85, 26.519, 239.549



85, 26.519, 289.549



85, 26.519, 59.549



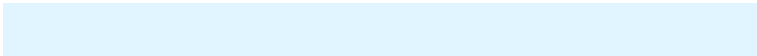
85, 26.519, 109.549

Sweetspot

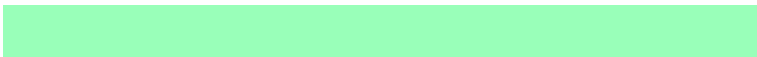
The Sweet Spot groups the original color and five complimentary colors.



85, 26.518, 239.547



95, 8.560, 235.600



92, 50.469, 151.378



50, 5.663, 235.728



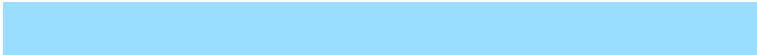
0, 0.000, 0.000



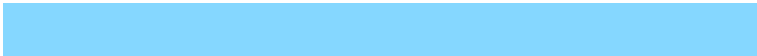
53, 0.007, 296.813

Same Dimension

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



85, 26.518, 239.547



82, 30.953, 241.224



72, 45.495, 287.564



51, 4.076, 235.372



51, 41.066, 260.498



16, 17.742, 253.314

Inverse Universe

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



76, 50.902, 338.395



71, 60.367, 339.156



93, 42.939, 96.680



50, 7.218, 335.886



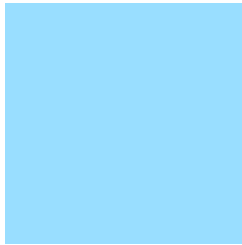
42, 73.245, 346.710



11, 34.532, 343.811

Previews

White Background



This preview shows how the CIELCh color 85, 26.519, 239.549 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, 26.519, 239.549 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, 26.519, 239.549

Background



This preview shows how black text looks on a background with the CIELCh color 85, 26.519, 239.549.

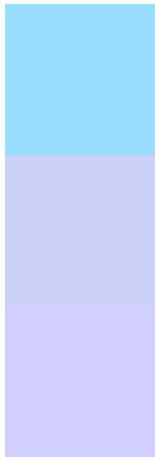


This preview shows how white text looks on a background with the CIELCh color 85, 26.519, 239.549.

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
85, 26.519, 239.549

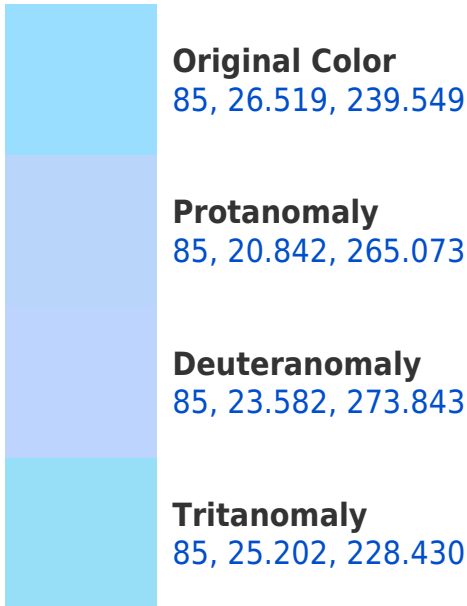
Protanopia
85, 19.543, 285.953

Deuteranopia
85, 25.336, 293.790

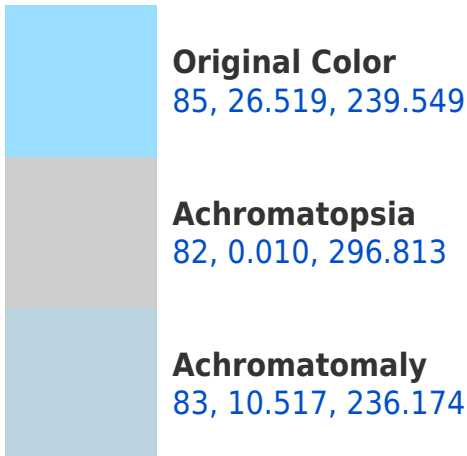


Tritanopia
85, 24.703, 220.717

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 26.519, 239.549 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(153, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 222, 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(153, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 222, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 26.519, 239.549 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(153, 222, 255) }
```

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

```
.border{ border-color:rgb(153, 222, 255) }
```

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

Here you see how a box with a 4 pixel rgb(153, 222, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 222,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 26.519, 239.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 222, 255) }
```

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

```
.background{ background-color: rgb(153,  
222, 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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