

Converting Colors

CIELCh(85, 25.279, 243.764)

Have a look what the booklet for
CIELCh(85, 25.279, 243.764)
contains.

CIELCh(85, 25.292, 243.880)	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(85, 25.292, 243.880)

Conversions

Conversions Part 1

Format	Color
Hex	9FDCFE
RGB	159, 220, 254
RGB Percent	62%, 86%, 100%
CMY	0.3748, 0.1356, 0.0022
CMYK	0.37, 0.13, 0.00, 0.00
HSL	201°, 99%, 81%
HSV	201°, 37%, 100%
XYZ	58.0458, 66.0070, 103.8141
YIQ	205.6370, -47.2700, -2.3580

Conversions

Conversions Part 2

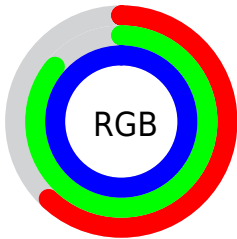
Format	Color
R _Y B	159, 196, 254
Decimal	10476798
CIE Lab	85.00, -11.13, -22.71
CIE LCh	85, 25.292, 243.880
Yxy	66.0070, 0.2547, 0.2897
Android (android.graphics.Color)	4288666878 (0xFF9FDCFE)
YUV	205.6370, 23.8430, -40.9006
Hunter-Lab	81.2447, -14.6477, -18.8892

Details

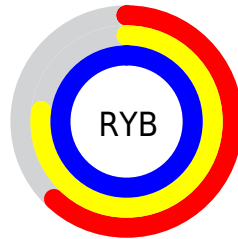
The CIELCh color `85, 25.292, 243.880` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `83, 31.001, 55.618`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 13.092, 198.632`, and `65, 25.263, 243.479` is the 20% darker color. If you saturate the color by 10%, you get `81, 31.151, 246.089`, and if you desaturate by 10%, it is `89, 18.985, 242.096`.

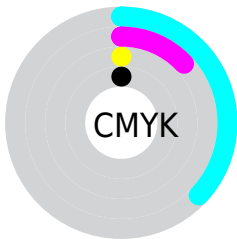
Distribution



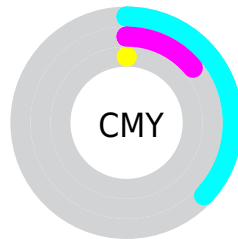
- Red (62%)
- Green (86%)
- Blue (100%)



- Red (62%)
- Yellow (77%)
- Blue (100%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (14%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 25.292, 243.880 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, 25.292, 243.880 by changing the saturation by 10% instead.


 85, 25.292,
243.880


 85, 25.292,
243.880


 100, 25.292,
243.880


 75, 25.292,
243.880

 65, 25.292,
243.880

 55, 25.292,
243.880

 45, 25.292,
243.880

 35, 25.292,
243.880

 25, 25.292,
243.880

 15, 25.292,

243.880

■ 5, 25.292, 243.880

■ 0, 25.292, 243.880

■ 85, 25.292,
243.880

■ 85, 25.292,
243.880

■ 81, 31.151,
246.089

■ 89, 18.985,
242.096

■ 78, 36.517,
248.816

■ 93, 12.299,
240.670

■ 74, 41.379,
252.141

■ 97, 5.302, 239.565

■ 71, 45.786,
256.118

100, 0.274,
109.875

■ 68, 49.861,

260.736

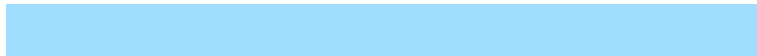
■ 65, 53.804,
265.864

■ 65, 54.883,
267.223

Harmonies

Complementary

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



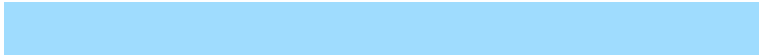
85, 25.292, 243.880



83, 31.001, 55.618

Rectangle

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



85, 25.292, 243.880



85, 25.292, 293.880



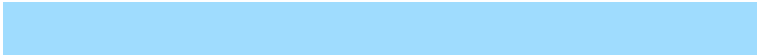
85, 25.292, 63.880



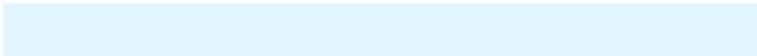
85, 25.292, 113.880

Sweetspot

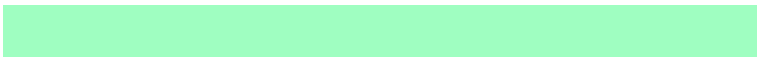
The Sweet Spot groups the original color and five complimentary colors.



85, 25.291, 243.878



96, 7.907, 239.928



93, 45.920, 153.032



50, 5.300, 240.076



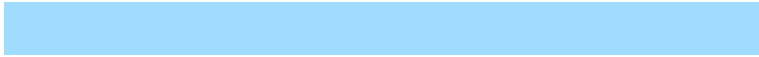
0, 0.000, 0.000



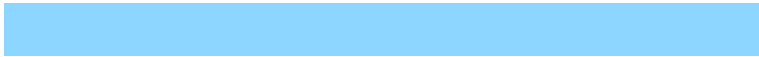
53, 0.007, 296.813

Same Dimension

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



85, 25.291, 243.878



82, 29.874, 245.529



73, 43.939, 288.743



51, 4.098, 239.773



49, 43.755, 266.255



15, 18.617, 258.984

Inverse Universe

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



77, 46.476, 339.771



73, 55.642, 340.539



94, 41.281, 99.015



50, 7.043, 337.387



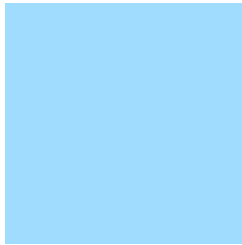
42, 71.823, 349.446



11, 33.871, 346.057

Previews

White Background



This preview shows how the CIE LCh color 85, 25.292, 243.880 looks on a white background.

Color Contrast Check

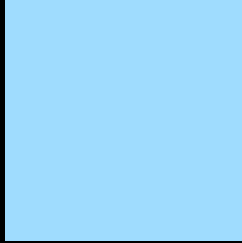
Large Text (above 18pt) WCAG AA × Fail

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, 25.292, 243.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

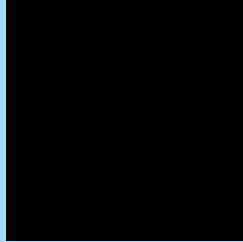
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 25.292, 243.880

Background



This preview shows how black text looks on a background with the CIELCh color 85, 25.292, 243.880.



This preview shows how white text looks on a background with the CIELCh color 85, 25.292, 243.880.

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](#).

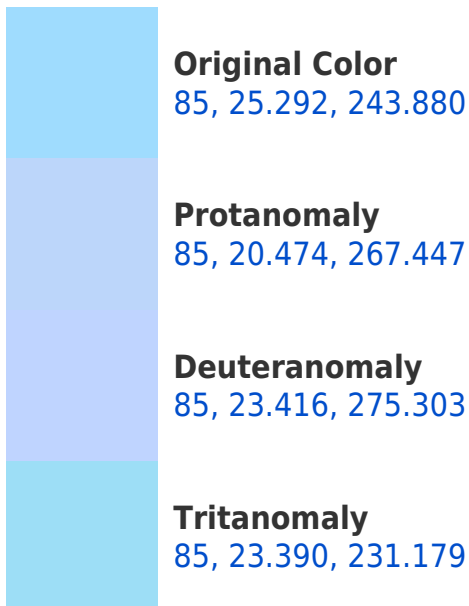
Dichromacy





Tritanopia
85, 22.741, 222.928

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 25.292, 243.880 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(159, 220, 254)` looks like.

```
.text, #text, p{  
    color:rgb(159, 220, 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(159, 220, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 220, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 25.292, 243.880 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(159, 220, 254) }
```

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

```
.border{ border-color:rgb(159, 220, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 220, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 220, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 220, 254);  
box-shadow:4px 4px 4px 4px rgb(159, 220,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 25.292, 243.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 220, 254) }
```

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

```
.background{ background-color: rgb(159,  
220, 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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