

Converting Colors

CIELCh(85, 27.334, 235.365)

Have a look what the booklet for
CIELCh(85, 27.334, 235.365)
contains.

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Color

CIElCh(85, 27.378, 235.043)

Conversions

Conversions Part 1

Format	Color
Hex	93DFFE
RGB	147, 223, 254
RGB Percent	58%, 87%, 100%
CMY	0.4242, 0.1262, 0.0047
CMYK	0.42, 0.12, 0.00, 0.00
HSL	197°, 98%, 79%
HSV	197°, 42%, 100%
XYZ	56.1973, 66.0070, 103.3867
YIQ	203.8100, -55.2470, -6.4710

Conversions

Conversions Part 2

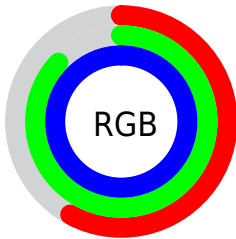
Format	Color
R _Y B	147, 191, 254
Decimal	9691134
CIE Lab	85.00, -15.69, -22.44
CIE LCh	85, 27.378, 235.043
Yxy	66.0070, 0.2491, 0.2926
Android (android.graphics.Color)	4287881214 (0xFF93DFFE)
YUV	203.8100, 24.7437, -49.8224
Hunter-Lab	81.2447, -18.7089, -18.5773

Details

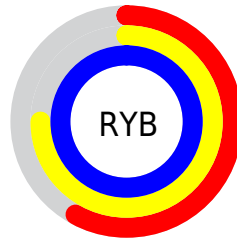
The CIELCh color `85, 27.378, 235.043` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `79, 36.132, 48.220`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 16.562, 198.406`, and `65, 27.255, 234.496` is the 20% darker color. If you saturate the color by 10%, you get `82, 32.510, 237.077`, and if you desaturate by 10%, it is `88, 21.630, 233.441`.

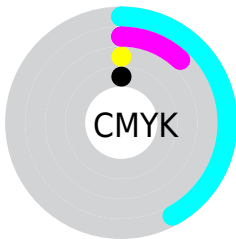
Distribution



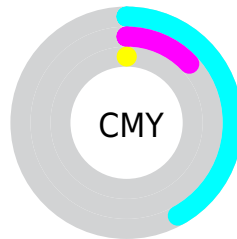
- Red (58%)
- Green (87%)
- Blue (100%)



- Red (58%)
- Yellow (75%)
- Blue (100%)



- Cyan (42%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (13%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 27.378, 235.043 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, 27.378, 235.043 by changing the saturation by 10% instead.


 85, 27.378,
235.043


 85, 27.378,
235.043


 100, 27.378,
235.043


 75, 27.378,
235.043

 65, 27.378,
235.043

 55, 27.378,
235.043

 45, 27.378,
235.043

 35, 27.378,
235.043

 25, 27.378,
235.043

 15, 27.378,

235.043

■ 5, 27.378, 235.043

■ 0, 27.378, 235.043

■ 85, 27.378,
235.043

■ 85, 27.378,
235.043

■ 82, 32.510,
237.077

■ 88, 21.630,
233.441

■ 79, 36.967,
239.643

■ 92, 15.353,
232.197

■ 76, 40.735,
242.833

■ 95, 8.635, 231.248

■ 74, 43.870,
246.716

■ 99, 1.566, 230.805

100, 0.591,
110.003

■ 71, 46.516,

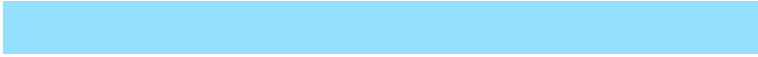
251.298

■ 69, 48.441,
255.241

Harmonies

Complementary

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



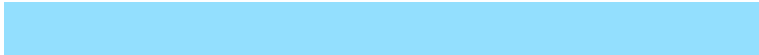
85, 27.378, 235.043



79, 36.132, 48.220

Rectangle

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



85, 27.378, 235.043



85, 27.378, 285.043



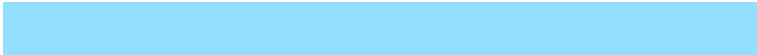
85, 27.378, 55.043



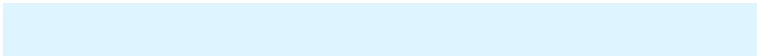
85, 27.378, 105.043

Sweetspot

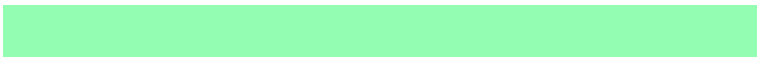
The Sweet Spot groups the original color and five complimentary colors.



85, 27.377, 235.041



95, 9.253, 231.317



92, 54.256, 149.858



50, 6.441, 231.508



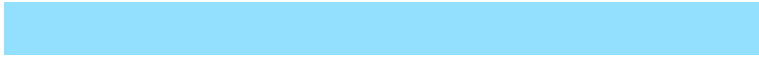
0, 0.000, 0.000



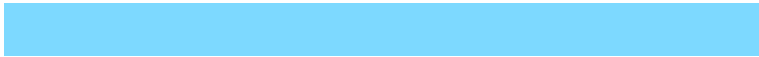
53, 0.007, 296.813

Same Dimension

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



85, 27.377, 235.041



83, 32.070, 236.819



71, 45.961, 286.164



51, 4.079, 231.046



53, 38.859, 254.296



17, 17.058, 247.370

Inverse Universe

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



74, 54.507, 337.050



70, 65.139, 337.853



92, 43.741, 94.258



50, 7.395, 334.488



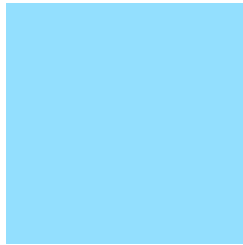
43, 74.812, 344.180



11, 35.235, 341.728

Previews

White Background



This preview shows how the CIE LCh color 85, 27.378, 235.043 looks on a white background.

Color Contrast Check

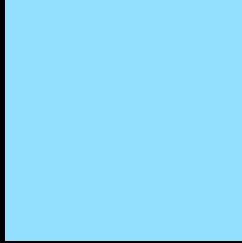
Large Text (above 18pt) WCAG AA × Fail

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, 27.378, 235.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

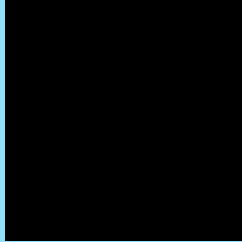
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 27.378, 235.043

Background



This preview shows how black text looks on a background with the CIELCh color 85, 27.378, 235.043.

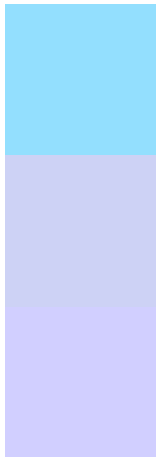


This preview shows how white text looks on a background with the CIELCh color 85, 27.378, 235.043.

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, 27.378, 235.043

Protanopia
85, 18.473, 286.533

Deuteranopia
85, 25.336, 293.790

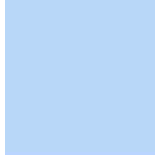


Tritanopia
85, 26.139, 219.310

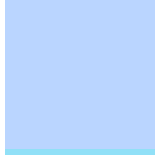
Trichromacy



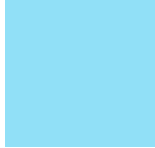
Original Color
85, 27.378, 235.043



Protanomaly
85, 19.751, 261.072

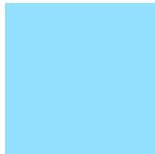


Deuteranomaly
85, 23.453, 270.444

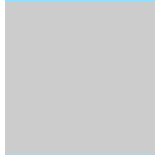


Tritanomaly
85, 26.371, 225.543

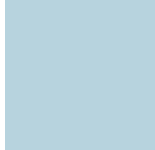
Monochromacy



Original Color
85, 27.378, 235.043



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 11.062, 230.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 27.378, 235.043 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(147, 223, 254)` looks like.

```
.text, #text, p{  
    color:rgb(147, 223, 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(147, 223, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 223, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 27.378, 235.043 is called "border". The border property can be set on classes, ids or directly on the HTML element.

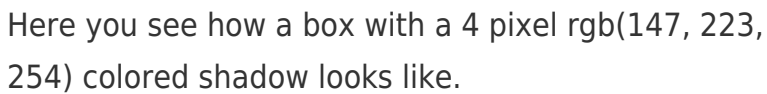
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 223, 254) }
```

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

```
.border{ border-color:rgb(147, 223, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 223, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 223, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 223, 254); box-shadow:4px 4px 4px 4px rgb(147, 223, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 27.378, 235.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 223, 254) }
```

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

```
.background{ background-color: rgb(147,  
223, 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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