

Converting Colors

CIELCh(85, 25.284, 243.485)

Have a look what the booklet for
CIELCh(85, 25.284, 243.485)
contains.

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Color

CIELCh(85, 25.161, 242.417)

Conversions

Conversions Part 1

Format	Color
Hex	9FDDFE
RGB	159, 221, 254
RGB Percent	62%, 87%, 100%
CMY	0.3778, 0.1346, 0.0053
CMYK	0.37, 0.13, 0.00, 0.01
HSL	201°, 97%, 81%
HSV	201°, 37%, 99%
XYZ	57.8345, 66.0070, 103.1702
YIQ	206.2240, -47.5450, -2.8810

Conversions

Conversions Part 2

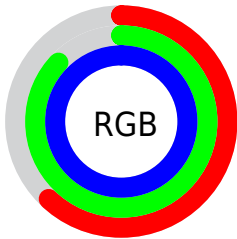
Format	Color
RYB	159, 197, 254
Decimal	10477054
CIELab	85.00, -11.65, -22.30
CIElCh	85, 25.161, 242.417
Yxy	66.0070, 0.2548, 0.2908
Android (android.graphics.Color)	4288667134 (0xFF9FDDFE)
YUV	206.2240, 23.5536, -41.4154
Hunter-Lab	81.2447, -15.1121, -18.4193

Details

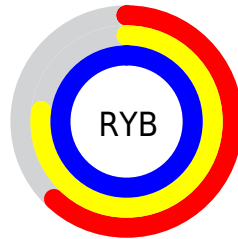
The CIELCh color **85, 25.161, 242.417** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **82, 31.060, 54.465**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.092, 198.632**, and **65, 25.121, 241.926** is the 20% darker color. If you saturate the color by 10%, you get **81, 30.922, 244.579**, and if you desaturate by 10%, it is **89, 18.931, 240.678**.

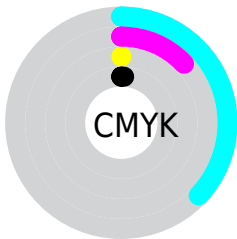
Distribution



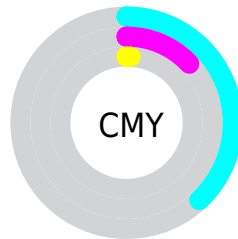
- Red (62%)
- Green (87%)
- Blue (100%)



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



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)





- Cyan (38%)
- Magenta (13%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 25.161, 242.417 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, 25.161, 242.417 by changing the saturation by 10% instead.


 85, 25.161,
242.417


 85, 25.161,
242.417


 100, 25.161,
242.417


 75, 25.161,
242.417

 65, 25.161,
242.417

 55, 25.161,
242.417

 45, 25.161,
242.417

 35, 25.161,
242.417

 25, 25.161,
242.417

 15, 25.161,

242.417

■ 5, 25.161, 242.417

■ 0, 25.161, 242.417

■ 85, 25.161,
242.417

■ 85, 25.161,
242.417

■ 81, 30.922,
244.579

■ 89, 18.931,
240.678

■ 78, 36.166,
247.258

■ 93, 12.304,
239.293

■ 75, 40.877,
250.537

■ 97, 5.353, 238.227

■ 71, 45.101,
254.474

100, 0.669,
110.012

■ 69, 48.958,

259.068

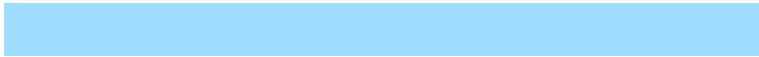
■ 66, 52.652,
264.194

■ 65, 53.622,
265.501

Harmonies

Complementary

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



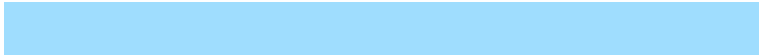
85, 25.161, 242.417



82, 31.060, 54.465

Rectangle

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



85, 25.161, 242.417



85, 25.161, 292.417



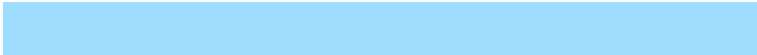
85, 25.161, 62.417



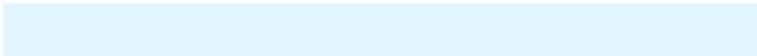
85, 25.161, 112.417

Sweetspot

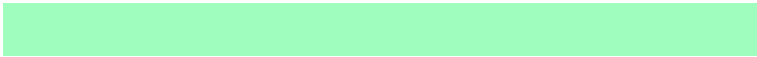
The Sweet Spot groups the original color and five complimentary colors.



85, 25.160, 242.414



96, 7.888, 238.566



92, 46.538, 152.341



50, 5.287, 238.708



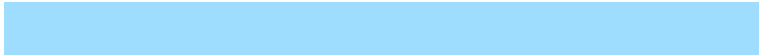
0, 0.000, 0.000



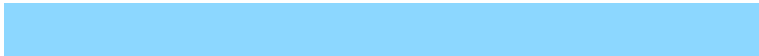
53, 0.007, 296.813

Same Dimension

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



85, 25.160, 242.414



83, 29.684, 244.008



73, 43.084, 287.914



51, 4.088, 238.417



50, 42.880, 264.538



15, 18.328, 257.277

Inverse Universe

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



77, 46.814, 339.270



73, 56.022, 340.011



94, 40.665, 98.017



50, 7.097, 336.915



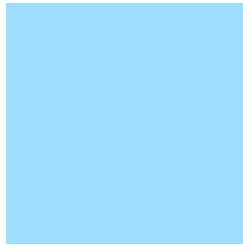
42, 72.242, 348.584



11, 34.069, 345.350

Previews

White Background



This preview shows how the CIELCh color 85, 25.161, 242.417 looks on a white background.

Color Contrast Check

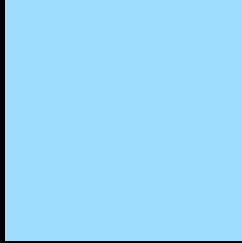
Large Text (above 18pt) WCAG AA × Fail

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, 25.161, 242.417 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, 25.161, 242.417

Background



This preview shows how black text looks on a background with the CIELCh color 85, 25.161, 242.417.



This preview shows how white text looks on a background with the CIELCh color 85, 25.161, 242.417.

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, 22.990, 222.629

Trichromacy



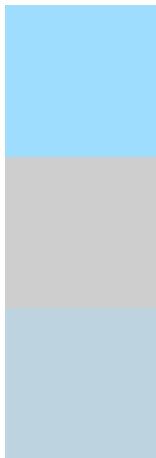
Original Color
85, 25.161, 242.417

Protanomaly
85, 20.006, 266.736

Deuteranomaly
85, 23.416, 275.303

Tritanomaly
85, 23.619, 230.810

Monochromacy



Original Color
85, 25.161, 242.417

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 9.744, 239.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 25.161, 242.417 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, 221, 254)` looks like.

```
.text, #text, p{  
    color:rgb(159, 221, 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, 221, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 221, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 25.161, 242.417 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, 221, 254) }
```

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

```
.border{ border-color:rgb(159, 221, 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, 221, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 221, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 221, 254); box-shadow:4px 4px 4px 4px rgb(159, 221, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 25.161, 242.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 221, 254) }
```

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

```
.background{ background-color: rgb(159,  
221, 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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