

Converting Colors

CIELCh(85, 24.871, 248.640)

Have a look what the booklet for
CIELCh(85, 24.871, 248.640)
contains.

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Color

CIELCh(85, 24.871, 248.640)

Conversions

Conversions Part 1

Format	Color
Hex	A4DBFF
RGB	164, 219, 255
RGB Percent	64%, 86%, 100%
CMY	0.3555, 0.1399, 0.0000
CMYK	0.36, 0.14, 0.00, 0.00
HSL	204°, 100%, 82%
HSV	204°, 36%, 100%
XYZ	58.9023, 66.0070, 104.5334
YIQ	206.6590, -44.3360, -0.4640

Conversions

Conversions Part 2

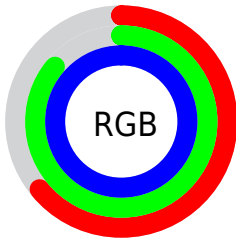
Format	Color
RYB	164, 198, 255
Decimal	10804223
CIELab	85.00, -9.06, -23.16
CIELCh	85, 24.871, 248.640
Yxy	66.0070, 0.2567, 0.2877
Android (android.graphics.Color)	4288994303 (0xFFA4DBFF)
YUV	206.6590, 23.8321, -37.4119
Hunter-Lab	81.2447, -12.7660, -19.4141

Details

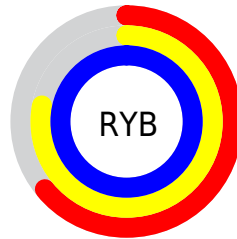
The CIELCh color **85, 24.871, 248.640** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **85, 29.362, 59.595**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.478, 198.739**, and **65, 24.756, 248.723** is the 20% darker color. If you saturate the color by 10%, you get **81, 30.985, 250.585**, and if you desaturate by 10%, it is **89, 18.147, 246.467**.

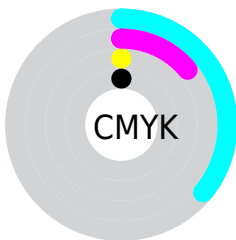
Distribution



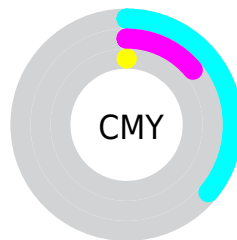
- Red (64%)
- Green (86%)
- Blue (100%)



- Red (64%)
- Yellow (78%)
- Blue (100%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 24.871, 248.640 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, 24.871, 248.640 by changing the saturation by 10% instead.

■ 85, 24.871,
248.640

■ 85, 24.871,
248.640

■ 100, 24.871,
248.640

■ 75, 24.871,
248.640

■ 65, 24.871,
248.640

■ 55, 24.871,
248.640

■ 45, 24.871,
248.640

■ 35, 24.871,
248.640

■ 25, 24.871,
248.640

■ 15, 24.871,

248.640

■ 5, 24.871, 248.640

■ 0, 24.871, 248.640

■ 85, 24.871,
248.640

■ 85, 24.871,
248.640

■ 81, 30.985,
250.585

■ 89, 18.147,
246.467

■ 77, 36.817,
253.355

■ 93, 11.235,
244.969

■ 73, 42.241,
256.698

■ 98, 4.072, 243.811

■ 70, 47.305,
260.660

100, 0.012,
296.813

■ 67, 52.127,

265.220

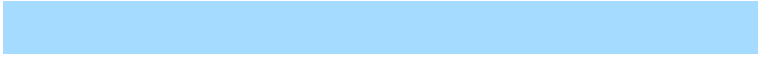
■ 63, 56.885,
270.250

■ 62, 59.057,
272.506

Harmonies

Complementary

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



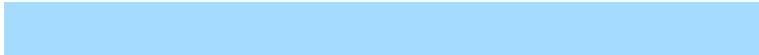
85, 24.871, 248.640



85, 29.362, 59.595

Rectangle

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



85, 24.871, 248.640



85, 24.871, 298.640



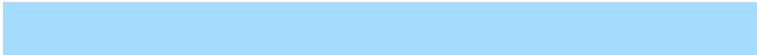
85, 24.871, 68.640



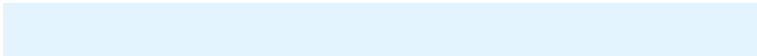
85, 24.871, 118.640

Sweetspot

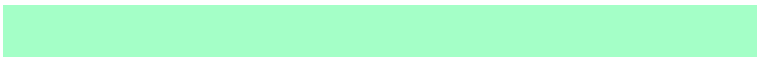
The Sweet Spot groups the original color and five complimentary colors.



85, 24.748, 248.316



95, 8.000, 244.392



93, 42.723, 154.647



50, 5.365, 244.556



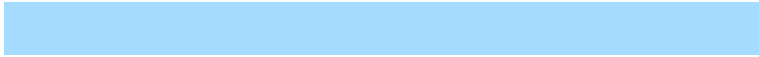
0, 0.000, 0.000



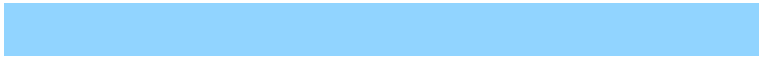
53, 0.007, 296.813

Same Dimension

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



85, 24.748, 248.316



82, 29.429, 249.961



73, 43.459, 290.014



51, 4.144, 244.218



47, 46.915, 271.551



14, 19.682, 264.338

Inverse Universe

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



78, 43.370, 341.341



74, 52.136, 342.125



96, 40.645, 101.090



50, 6.869, 339.006



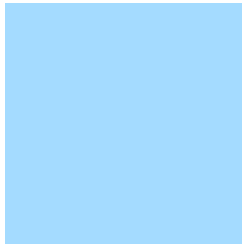
42, 70.570, 352.407



11, 33.258, 348.486

Previews

White Background



This preview shows how the CIE LCh color 85, 24.871, 248.640 looks on a white background.

Color Contrast Check

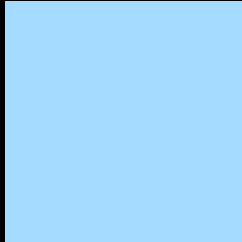
Large Text (above 18pt) WCAG AA × Fail

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, 24.871, 248.640 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, 24.871, 248.640

Background



This preview shows how black text looks on a background with the CIELCh color 85, 24.871, 248.640.



This preview shows how white text looks on a background with the CIELCh color 85, 24.871, 248.640.

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](#).

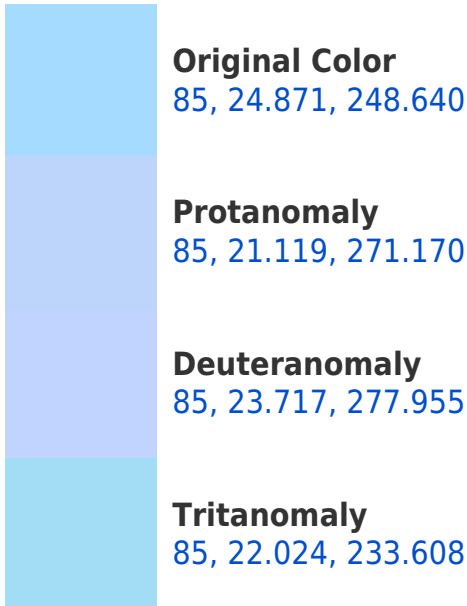
Dichromacy



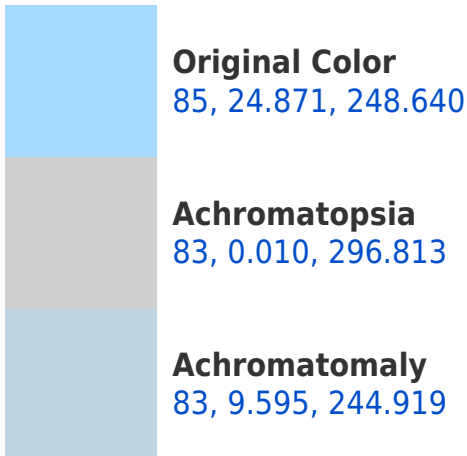


Tritanopia
85, 21.243, 224.909

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 24.871, 248.640 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(164, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 219, 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(164, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 219, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 24.871, 248.640 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(164, 219, 255) }
```

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

```
.border{ border-color:rgb(164, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 219,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 24.871, 248.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 219, 255) }
```

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

```
.background{ background-color: rgb(164,  
219, 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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