

Converting Colors

CIELCh(85, 22.780, 246.286)

Have a look what the booklet for
CIELCh(85, 22.780, 246.286)
contains.

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Color

CIELCh(85, 22.734, 246.780)

Conversions

Conversions Part 1

Format	Color
Hex	A8DBFB
RGB	168, 219, 251
RGB Percent	66%, 86%, 98%
CMY	0.3409, 0.1409, 0.0154
CMYK	0.33, 0.13, 0.00, 0.02
HSL	203°, 91%, 82%
HSV	203°, 33%, 98%
XYZ	58.9419, 66.0070, 100.9665
YIQ	207.3990, -40.6680, -0.8600

Conversions

Conversions Part 2

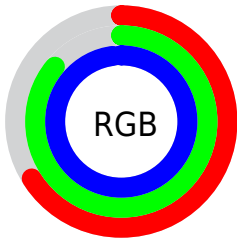
Format	Color
RYB	168, 200, 251
Decimal	11066363
CIELab	85.00, -8.96, -20.89
CIELCh	85, 22.734, 246.780
Yxy	66.0070, 0.2609, 0.2922
Android (android.graphics.Color)	4289256443 (0xFFA8DBFB)
YUV	207.3990, 21.4953, -34.5529
Hunter-Lab	81.2447, -12.6790, -16.8111

Details

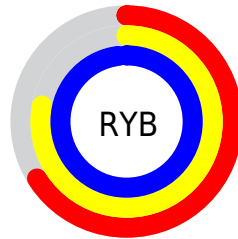
The CIELCh color **85, 22.734, 246.780** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **84, 26.720, 58.968**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.172, 198.828**, and **65, 22.626, 246.378** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.926, 248.904**, and if you desaturate by 10%, it is **89, 16.178, 245.050**.

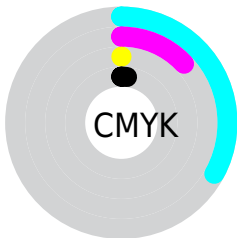
Distribution



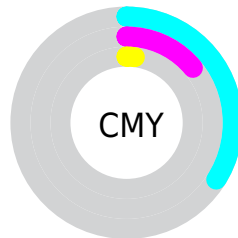
- Red (66%)
- Green (86%)
- Blue (98%)



- Red (66%)
- Yellow (78%)
- Blue (98%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)





- Cyan (34%)
- Magenta (14%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 22.734, 246.780 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, 22.734, 246.780 by changing the saturation by 10% instead.


 85, 22.734,
246.780


 85, 22.734,
246.780


 100, 22.734,
246.780


 75, 22.734,
246.780

 65, 22.734,
246.780

 55, 22.734,
246.780

 45, 22.734,
246.780

 35, 22.734,
246.780

 25, 22.734,
246.780

 15, 22.734,

246.780

■ 5, 22.734, 246.780

■ 0, 22.734, 246.780

■ 85, 22.734,
246.780

■ 85, 22.734,
246.780

■ 81, 28.926,
248.904

■ 89, 16.178,
245.050

■ 77, 34.709,
251.510

■ 93, 9.319, 243.660

■ 74, 40.065,
254.675

■ 97, 2.217, 242.688

■ 100, 1.976,
109.991

■ 70, 45.025,
258.456

■ 67, 49.685,

262.858

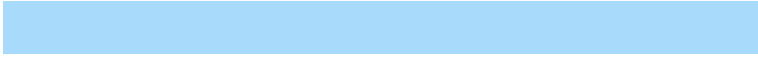
■ 64, 54.207,
267.793

■ 62, 57.401,
271.347

Harmonies

Complementary

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



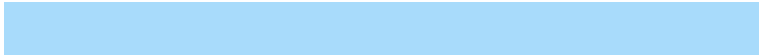
85, 22.734, 246.780



84, 26.720, 58.968

Rectangle

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



85, 22.734, 246.780



85, 22.734, 296.780



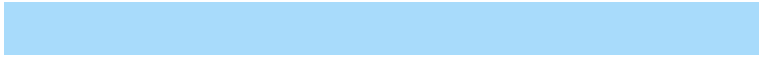
85, 22.734, 66.780



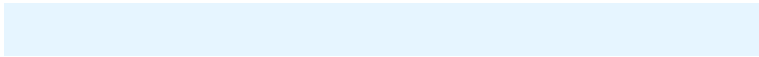
85, 22.734, 116.780

Sweetspot

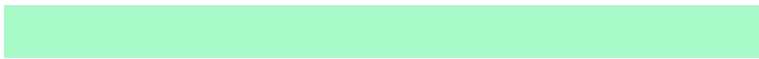
The Sweet Spot groups the original color and five complimentary colors.



85, 22.733, 246.777



96, 7.261, 243.300



92, 39.302, 154.929



50, 4.943, 243.462



0, 0.000, 0.000



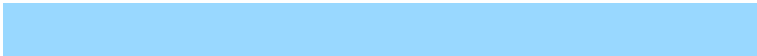
53, 0.007, 296.813

Same Dimension

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



85, 22.733, 246.777



83, 27.414, 248.214



74, 39.710, 289.556



50, 4.064, 243.242



47, 45.693, 270.381



14, 18.834, 262.771

Inverse Universe

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



78, 40.061, 340.701



75, 48.890, 341.402



95, 37.360, 101.371



49, 6.793, 338.640



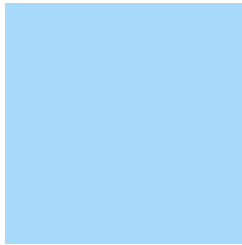
41, 70.135, 351.709



10, 32.556, 347.739

Previews

White Background



This preview shows how the CIE LCh color 85, 22.734, 246.780 looks on a white background.

Color Contrast Check

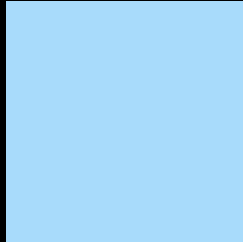
Large Text (above 18pt) WCAG AA × Fail

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, 22.734, 246.780 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, 22.734, 246.780

Background



This preview shows how black text looks on a background with the CIELCh color 85, 22.734, 246.780.



This preview shows how white text looks on a background with the CIELCh color 85, 22.734, 246.780.

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, 19.985, 226.824

Trichromacy



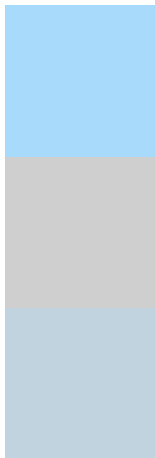
Original Color
85, 22.734, 246.780

Protanomaly
85, 18.978, 270.388

Deuteranomaly
85, 22.510, 279.514

Tritanomaly
85, 20.630, 234.627

Monochromacy



Original Color
85, 22.734, 246.780

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 8.771, 245.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 22.734, 246.780 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(168, 219, 251)` looks like.

```
.text, #text, p{  
    color:rgb(168, 219, 251)  
}
```

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(168, 219, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 219, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 22.734, 246.780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

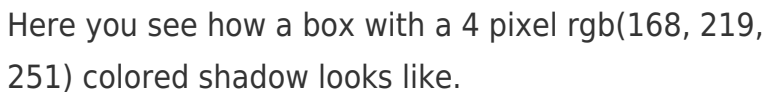
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 219, 251) }
```

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

```
.border{ border-color:rgb(168, 219, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 219, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 219, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 219, 251); box-shadow:4px 4px 4px 4px rgb(168, 219, 251) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 22.734, 246.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 219, 251) }
```

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

```
.background{ background-color: rgb(168,  
219, 251) }
```

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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