

Converting Colors

CIELCh(85, 23.358, 254.405)

Have a look what the booklet for
CIELCh(85, 23.358, 254.405)
contains.

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Color

CIELCh(85, 23.160, 254.086)

Conversions

Conversions Part 1

Format	Color
Hex	ADDAFE
RGB	173, 218, 254
RGB Percent	68%, 85%, 100%
CMY	0.3225, 0.1461, 0.0049
CMYK	0.32, 0.14, 0.00, 0.00
HSL	207°, 97%, 84%
HSV	207°, 32%, 100%
XYZ	60.0321, 66.0070, 103.1248
YIQ	208.6490, -38.3760, 1.6560

Conversions

Conversions Part 2

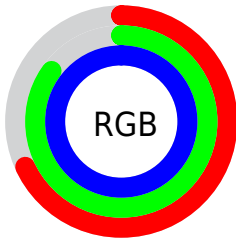
Format	Color
R _{YB}	173, 202, 254
Decimal	11393790
CIE Lab	85.00, -6.35, -22.27
CIE LCh	85, 23.160, 254.086
Yxy	66.0070, 0.2620, 0.2880
Android (android.graphics.Color)	4289583870 (0xFFADDAFE)
YUV	208.6490, 22.3580, -31.2642
Hunter-Lab	81.2447, -10.2837, -18.3861

Details

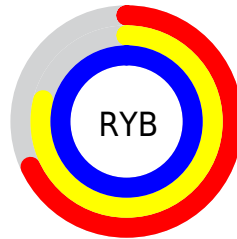
The CIELCh color **85, 23.160, 254.086** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **87, 26.165, 65.511**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.521, 198.944**, and **65, 23.127, 253.986** is the 20% darker color. If you saturate the color by 10%, you get **81, 29.960, 256.321**, and if you desaturate by 10%, it is **89, 16.111, 252.235**.

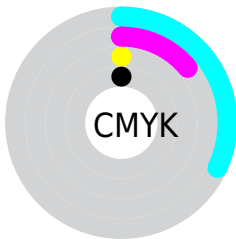
Distribution



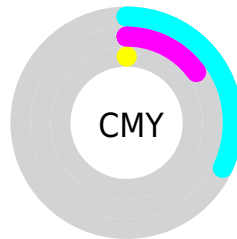
- Red (68%)
- Green (85%)
- Blue (100%)



- Red (68%)
- Yellow (79%)
- Blue (100%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (32%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 23.160, 254.086 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, 23.160, 254.086 by changing the saturation by 10% instead.


 85, 23.160,
254.086


 85, 23.160,
254.086


 100, 23.160,
254.086


 75, 23.160,
254.086

 65, 23.160,
254.086

 55, 23.160,
254.086

 45, 23.160,
254.086

 35, 23.160,
254.086

 25, 23.160,
254.086

 15, 23.160,

254.086

■ 5, 23.160, 254.086

■ 0, 23.160, 254.086

■ 85, 23.160,
254.086

■ 85, 23.160,
254.086

■ 81, 29.960,
256.321

■ 89, 16.111,
252.235

■ 76, 36.485,
259.019

■ 94, 8.858, 250.720

■ 72, 42.733,
262.242

■ 99, 1.444, 249.723

100, 0.627,
110.008

■ 68, 48.748,
266.027

■ 64, 54.627,

270.356

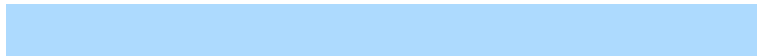
■ 61, 60.516,
275.117

■ 58, 65.414,
279.062

Harmonies

Complementary

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



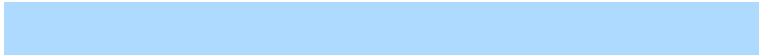
85, 23.160, 254.086



87, 26.165, 65.511

Rectangle

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



85, 23.160, 254.086



85, 23.160, 304.086



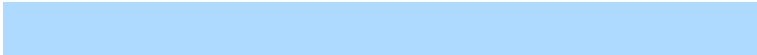
85, 23.160, 74.086



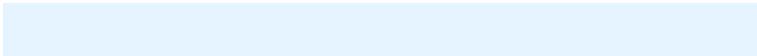
85, 23.160, 124.086

Sweetspot

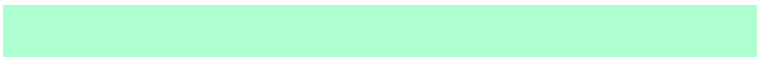
The Sweet Spot groups the original color and five complimentary colors.



85, 23.159, 254.083



95, 7.477, 250.467



94, 36.817, 157.317



50, 5.094, 250.651



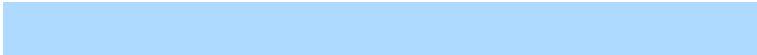
0, 0.000, 0.000



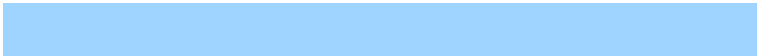
53, 0.007, 296.813

Same Dimension

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



85, 23.159, 254.083



83, 27.436, 255.396



75, 40.860, 291.591



51, 4.253, 250.403



44, 52.066, 278.170



13, 21.479, 271.211

Inverse Universe

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



80, 37.575, 343.612



76, 44.840, 344.281



97, 38.162, 104.046



50, 6.629, 341.490



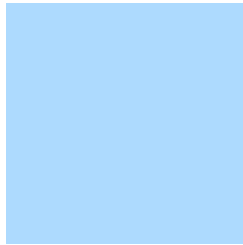
41, 69.170, 356.921



11, 32.501, 352.201

Previews

White Background



This preview shows how the CIE LCh color 85, 23.160, 254.086 looks on a white background.

Color Contrast Check

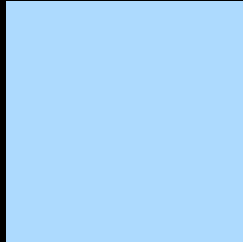
Large Text (above 18pt) WCAG AA × Fail

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, 23.160, 254.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

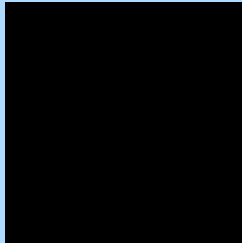
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

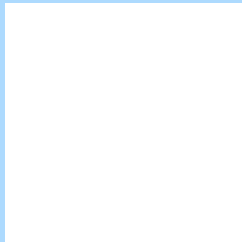
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 23.160, 254.086

Background



This preview shows how black text looks on a background with the CIELCh color 85, 23.160, 254.086.



This preview shows how white text looks on a background with the CIELCh color 85, 23.160, 254.086.

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, 23.160, 254.086

Protanopia
85, 20.066, 286.161

Deuteranopia
85, 25.351, 294.534



Tritanopia
85, 18.723, 229.032

Trichromacy



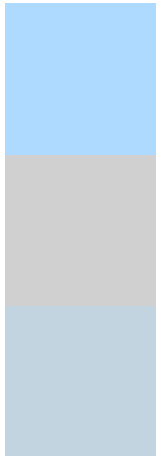
Original Color
85, 23.160, 254.086

Protanomaly
85, 20.342, 273.089

Deuteranomaly
85, 23.531, 280.206

Tritanomaly
85, 20.063, 239.838

Monochromacy



Original Color
85, 23.160, 254.086

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 8.915, 249.582

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 23.160, 254.086 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(173, 218, 254)` looks like.

```
.text, #text, p{  
    color:rgb(173, 218, 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(173, 218, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 218, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 23.160, 254.086 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(173, 218, 254) }
```

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

```
.border{ border-color:rgb(173, 218, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 218, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 218, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 218, 254);  
box-shadow:4px 4px 4px 4px rgb(173, 218,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 23.160, 254.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 218, 254) }
```

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

```
.background{ background-color: rgb(173,  
218, 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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