

Converting Colors

CIELCh(83, 23.902, 265.547)

Have a look what the booklet for
CIELCh(83, 23.902, 265.547)
contains.

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Color

CIELCh(83, 23.827, 265.117)

Conversions

Conversions Part 1

Format	Color
Hex	B0D2FB
RGB	176, 210, 251
RGB Percent	69%, 82%, 98%
CMY	0.3105, 0.1772, 0.0164
CMYK	0.30, 0.16, 0.00, 0.02
HSL	213°, 90%, 84%
HSV	213°, 30%, 98%
XYZ	58.2456, 62.1629, 100.0371
YIQ	204.5080, -33.4250, 5.5430

Conversions

Conversions Part 2

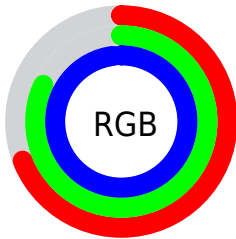
Format	Color
R _Y B	176, 199, 251
Decimal	11588347
CIE Lab	83.00, -2.03, -23.74
CIE LCh	83, 23.827, 265.117
Yxy	62.1629, 0.2642, 0.2820
Android (android.graphics.Color)	4289778427 (0xFFB0D2FB)
YUV	204.5080, 22.9206, -25.0015
Hunter-Lab	78.8435, -6.1094, -20.0371

Details

The CIELCh color **83, 23.827, 265.117** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **89, 25.287, 76.391**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.521, 199.018**, and **63, 23.451, 264.607** is the 20% darker color. If you saturate the color by 10%, you get **78, 31.716, 267.337**, and if you desaturate by 10%, it is **88, 15.887, 263.243**.

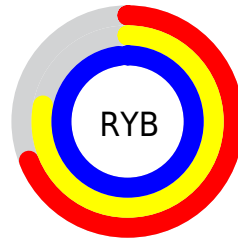
Distribution



Red (69%)

Green (82%)

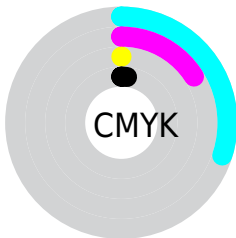
Blue (98%)



Red (69%)

Yellow (78%)

Blue (98%)

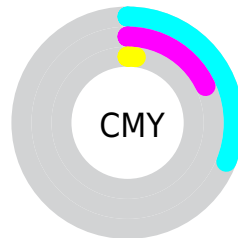


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (2%)



Cyan (31%)

Magenta (18%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 23.827, 265.117 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 83, 23.827, 265.117 by changing the saturation by 10% instead.

■ 83, 23.827,
265.117

■ 83, 23.827,
265.117

■ 100, 23.827,
265.117

■ 73, 23.827,
265.117

■ 63, 23.827,
265.117

■ 53, 23.827,
265.117

■ 43, 23.827,
265.117

■ 33, 23.827,
265.117

■ 23, 23.827,
265.117

■ 13, 23.827,

265.117

■ 3, 23.827, 265.117

■ 0, 23.827, 265.117

■ 83, 23.827,
265.117

■ 83, 23.827,
265.117

■ 78, 31.716,
267.337

■ 88, 15.887,
263.243

■ 73, 39.556,
269.963

■ 93, 7.915, 261.677

■ 68, 47.367,
273.040

■ 99, 0.071, 74.723

■ 100, 2.114,
109.984

■ 63, 55.199,
276.582

■ 59, 63.134,

280.550

■ 55, 71.259,
284.822

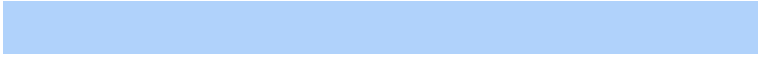
■ 51, 79.629,
289.125

■ 51, 79.714,
289.166

Harmonies

Complementary

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



83, 23.827, 265.117



89, 25.287, 76.391

Rectangle

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



83, 23.827, 265.117



83, 23.827, 315.117



83, 23.827, 85.117



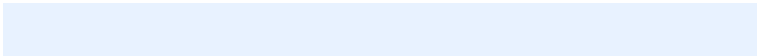
83, 23.827, 135.117

Sweetspot

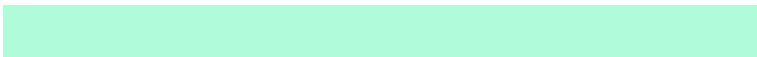
The Sweet Spot groups the original color and five complimentary colors.



83, 23.826, 265.115



95, 7.294, 261.553



93, 31.621, 162.626



50, 5.067, 261.757



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 23.826, 265.115



81, 29.032, 266.432



74, 40.638, 294.986



49, 4.531, 261.620



38, 63.209, 288.379



10, 24.948, 281.870

Inverse Universe

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



80, 32.792, 349.205



77, 40.085, 349.977



97, 37.764, 108.731



49, 6.089, 347.028



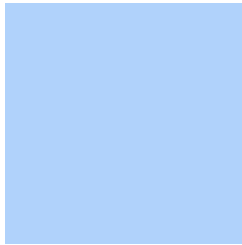
40, 67.321, 6.558



10, 30.704, 359.967

Previews

White Background



This preview shows how the CIE LCh color 83, 23.827, 265.117 looks on a white background.

Color Contrast Check

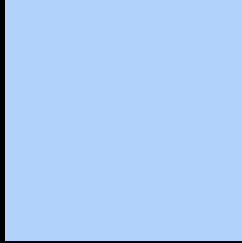
Large Text (above 18pt) WCAG AA × Fail

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 83, 23.827, 265.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

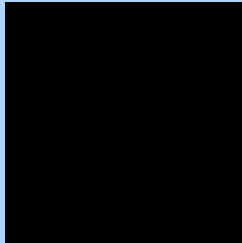
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

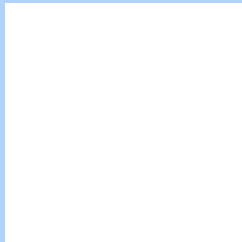
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 23.827, 265.117

Background



This preview shows how black text looks on a background with the CIELCh color 83, 23.827, 265.117.



This preview shows how white text looks on a background with the CIELCh color 83, 23.827, 265.117.

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
83, 16.258, 232.371

Trichromacy



Original Color
83, 23.827, 265.117

Protanomaly
83, 22.734, 278.012

Deuteranomaly
83, 25.058, 283.381

Tritanomaly
83, 18.354, 247.606

Monochromacy



Original Color
83, 23.827, 265.117

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 8.887, 262.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 23.827, 265.117 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(176, 210, 251)` looks like.

```
.text, #text, p{  
    color:rgb(176, 210, 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(176, 210, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 210, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 23.827, 265.117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

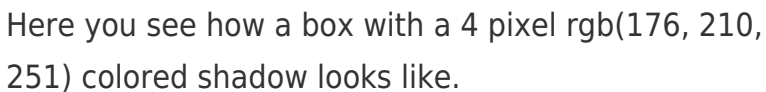
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 210, 251) }
```

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

```
.border{ border-color:rgb(176, 210, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 210, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 210, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 210, 251); box-shadow:4px 4px 4px 4px rgb(176, 210, 251) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 23.827, 265.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 210, 251) }
```

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

```
.background{ background-color: rgb(176,  
210, 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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