

Converting Colors

CIELCh(83, 26.241, 271.195)

Have a look what the booklet for
CIELCh(83, 26.241, 271.195)
contains.

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Color

CIELCh(83, 25.752, 270.679)

Conversions

Conversions Part 1

Format	Color
Hex	B3D1FF
RGB	179, 209, 255
RGB Percent	70%, 82%, 100%
CMY	0.2994, 0.1818, 0.0015
CMYK	0.30, 0.18, 0.00, 0.00
HSL	216°, 99%, 85%
HSV	216°, 30%, 100%
XYZ	59.2109, 62.1629, 103.1713
YIQ	205.2740, -32.6460, 7.9460

Conversions

Conversions Part 2

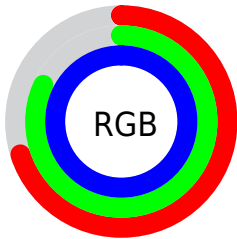
Format	Color
R_{YB}	179, 201, 255
Decimal	11784703
CIE _{Lab}	83.00, 0.31, -25.75
CIE _{LCh}	83, 25.752, 270.679
Yxy	62.1629, 0.2637, 0.2768
Android (android.graphics.Color)	4289974783 (0xFFB3D1FF)
YUV	205.2740, 24.5149, -23.0423
Hunter-Lab	78.8435, -3.9239, -22.3940

Details

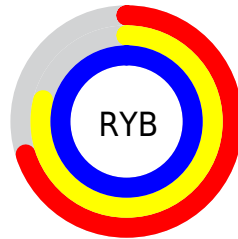
The CIELCh color **83, 25.752, 270.679** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **91, 26.585, 81.941**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **63, 25.580, 269.974** is the 20% darker color. If you saturate the color by 10%, you get **77, 34.494, 272.863**, and if you desaturate by 10%, it is **89, 17.064, 268.823**.

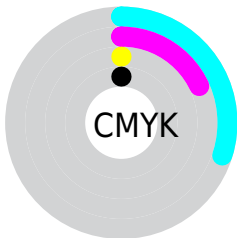
Distribution



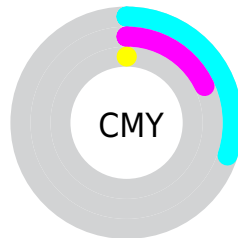
- Red (70%)
- Green (82%)
- Blue (100%)



- Red (70%)
- Yellow (79%)
- Blue (100%)



- Cyan (30%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (30%)
- Magenta (18%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 25.752, 270.679 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, 25.752, 270.679 by changing the saturation by 10% instead.


 83, 25.752,
270.679


 83, 25.752,
270.679


 100, 25.752,
270.679


 73, 25.752,
270.679

 63, 25.752,
270.679

 53, 25.752,
270.679

 43, 25.752,
270.679

 33, 25.752,
270.679

 23, 25.752,
270.679

 13, 25.752,

270.679

■ 3, 25.752, 270.679

■ 0, 25.752, 270.679

■ 83, 25.752,
270.679

■ 83, 25.752,
270.679

■ 77, 34.494,
272.863

■ 89, 17.064,
268.823

■ 72, 43.307,
275.429

■ 94, 8.436, 267.260

100, 0.121, 88.324

■ 67, 52.221,
278.411

100, 0.177,
109.728

■ 61, 61.290,
281.812

■ 56, 70.577,

285.578

■ 52, 80.107,
289.572

■ 48, 89.814,
293.525

■ 48, 89.970,
293.584

Harmonies

Complementary

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



83, 25.752, 270.679



91, 26.585, 81.941

Rectangle

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



83, 25.752, 270.679



83, 25.752, 320.679



83, 25.752, 90.679



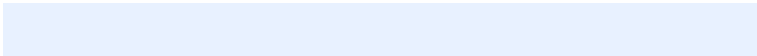
83, 25.752, 140.679

Sweetspot

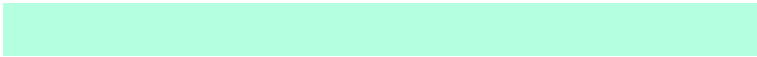
The Sweet Spot groups the original color and five complimentary colors.



83, 25.751, 270.677



95, 7.723, 267.142



94, 30.336, 166.472



50, 5.369, 267.348



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, 25.751, 270.677



80, 31.166, 271.982



76, 41.123, 297.172



50, 4.879, 267.212



36, 71.222, 292.876



10, 28.604, 287.203

Inverse Universe

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



81, 32.114, 352.868



77, 38.928, 353.709



98, 38.267, 111.649



50, 5.970, 350.557



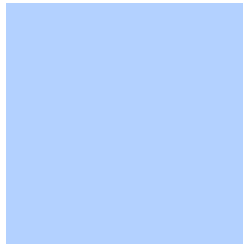
41, 68.393, 12.312



10, 31.293, 5.230

Previews

White Background



This preview shows how the CIE LCh color 83, 25.752, 270.679 looks on a white background.

Color Contrast Check

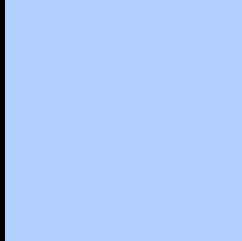
Large Text (above 18pt) WCAG AA × Fail

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, 25.752, 270.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

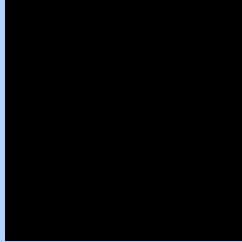
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

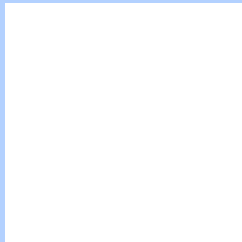
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 25.752, 270.679

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.752, 270.679.



This preview shows how white text looks on a background with the CIELCh color 83, 25.752, 270.679.

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, 15.749, 233.641

Trichromacy



Original Color
83, 25.752, 270.679

Protanomaly
83, 25.228, 280.520

Deuteranomaly
83, 27.126, 284.994

Tritanomaly
83, 18.542, 252.233

Monochromacy



Original Color
83, 25.752, 270.679

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 9.694, 267.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.752, 270.679 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(179, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 209, 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(179, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 209, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.752, 270.679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

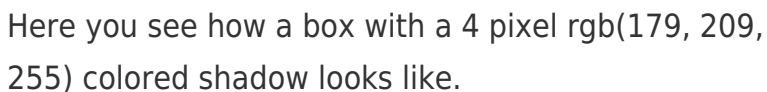
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 209, 255) }
```

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

```
.border{ border-color:rgb(179, 209, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 209, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 209, 255); box-shadow:4px 4px 4px 4px rgb(179, 209, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.752, 270.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 209, 255) }
```

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

```
.background{ background-color: rgb(179,  
209, 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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