

Converting Colors

CIELCh(83, 25.519, 263.201)

Have a look what the booklet for
CIELCh(83, 25.519, 263.201)
contains.

CIELCh(83, 25.472, 262.725)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(83, 25.472, 262.725)

Conversions

Conversions Part 1

Format	Color
Hex	ABD3FE
RGB	171, 211, 254
RGB Percent	67%, 83%, 100%
CMY	0.3308, 0.1739, 0.0054
CMYK	0.33, 0.17, 0.00, 0.01
HSL	211°, 97%, 83%
HSV	211°, 33%, 99%
XYZ	57.7543, 62.1629, 102.4117
YIQ	203.9420, -37.6430, 4.8930

Conversions

Conversions Part 2

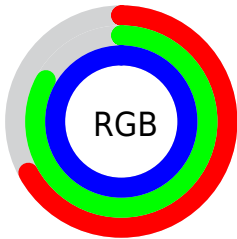
Format	Color
RYB	171, 198, 254
Decimal	11260926
CIELab	83.00, -3.23, -25.27
CIELCh	83, 25.472, 262.725
Yxy	62.1629, 0.2598, 0.2796
Android (android.graphics.Color)	4289451006 (0xFFABD3FE)
YUV	203.9420, 24.6786, -28.8901
Hunter-Lab	78.8435, -7.2216, -21.8228

Details

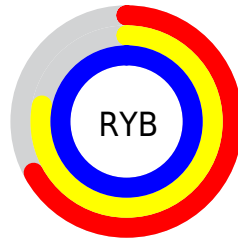
The CIELCh color `83, 25.472, 262.725` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `88, 27.646, 73.149`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 9.184, 198.897`, and `63, 25.249, 261.845` is the 20% darker color. If you saturate the color by 10%, you get `78, 33.061, 265.060`, and if you desaturate by 10%, it is `88, 17.774, 260.761`.

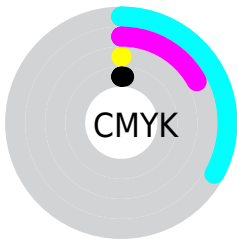
Distribution



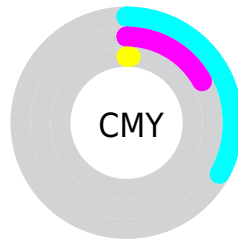
- Red (67%)
- Green (83%)
- Blue (100%)



- Red (67%)
- Yellow (78%)
- Blue (100%)



- Cyan (33%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (33%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 25.472, 262.725 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, 25.472, 262.725 by changing the saturation by 10% instead.

■ 83, 25.472,
262.725

■ 83, 25.472,
262.725

■ 100, 25.472,
262.725

■ 73, 25.472,
262.725

■ 63, 25.472,
262.725

■ 53, 25.472,
262.725

■ 43, 25.472,
262.725

■ 33, 25.472,
262.725

■ 23, 25.472,
262.725

■ 13, 25.472,

262.725

■ 3, 25.472, 262.725

■ 0, 25.472, 262.725

■ 83, 25.472,
262.725

■ 83, 25.472,
262.725

■ 78, 33.061,
265.060

■ 88, 17.774,
260.761

■ 73, 40.542,
267.831

■ 93, 9.991, 259.123

■ 69, 47.935,
271.081

■ 98, 2.147, 257.878

100, 0.682,
110.013

■ 64, 55.300,
274.820

■ 60, 62.732,

278.995

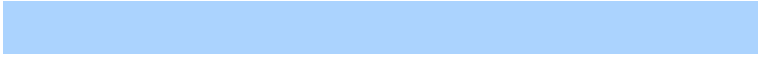
■ 56, 70.339,
283.462

■ 53, 76.045,
286.707

Harmonies

Complementary

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



83, 25.472, 262.725



88, 27.646, 73.149

Rectangle

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



83, 25.472, 262.725



83, 25.472, 312.725



83, 25.472, 82.725



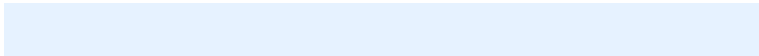
83, 25.472, 132.725

Sweetspot

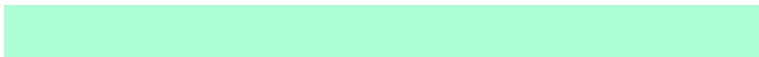
The Sweet Spot groups the original color and five complimentary colors.



83, 25.471, 262.723



95, 7.898, 258.731



93, 35.279, 161.401



50, 5.386, 258.931



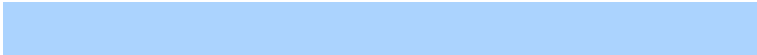
0, 0.000, 0.000



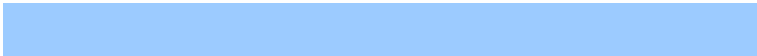
53, 0.007, 296.813

Same Dimension

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



83, 25.471, 262.723



80, 30.384, 264.146



73, 45.139, 294.884



50, 4.491, 258.662



40, 60.437, 285.901



12, 24.516, 279.491

Inverse Universe

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



79, 36.837, 347.836



76, 44.082, 348.630



98, 41.594, 107.732



50, 6.307, 345.400



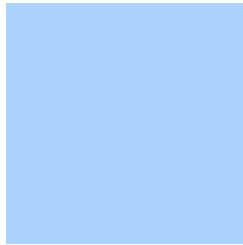
41, 68.092, 3.836



10, 31.711, 357.959

Previews

White Background



This preview shows how the CIE LCh color 83, 25.472, 262.725 looks on a white background.

Color Contrast Check

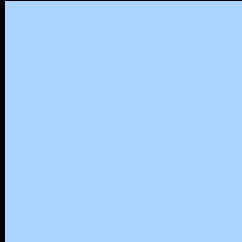
Large Text (above 18pt) WCAG AA × Fail

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, 25.472, 262.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

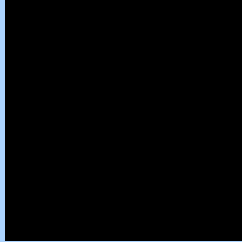
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

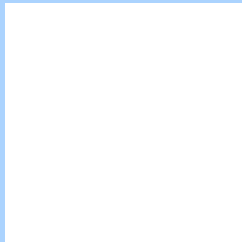
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 25.472, 262.725

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.472, 262.725.



This preview shows how white text looks on a background with the CIELCh color 83, 25.472, 262.725.

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, 18.011, 230.594

Trichromacy



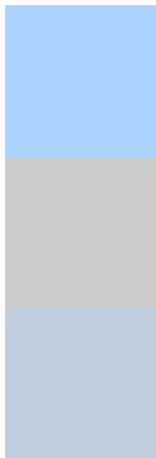
Original Color
83, 25.472, 262.725

Protanomaly
83, 24.392, 277.693

Deuteranomaly
83, 26.744, 282.091

Tritanomaly
83, 19.908, 244.802

Monochromacy



Original Color
83, 25.472, 262.725

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 9.659, 260.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.472, 262.725 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(171, 211, 254)` looks like.

```
.text, #text, p{  
    color:rgb(171, 211, 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(171, 211, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 211, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.472, 262.725 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(171, 211, 254) }
```

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

```
.border{ border-color:rgb(171, 211, 254) }
```

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

Here you see how a box with a 4 pixel rgb(171, 211, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 211, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 211, 254);  
box-shadow:4px 4px 4px 4px rgb(171, 211,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.472, 262.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 211, 254) }
```

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

```
.background{ background-color: rgb(171,  
211, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor