

Converting Colors

CIELCh(85, 22.221, 266.206)

Have a look what the booklet for
CIELCh(85, 22.221, 266.206)
contains.

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Color

CIELCh(85, 22.333, 266.422)

Conversions

Conversions Part 1

Format	Color
Hex	B9D7FE
RGB	185, 215, 254
RGB Percent	73%, 84%, 100%
CMY	0.2749, 0.1572, 0.0043
CMYK	0.27, 0.15, 0.00, 0.00
HSL	214°, 97%, 86%
HSV	214°, 27%, 100%
XYZ	62.1371, 66.0070, 103.1517
YIQ	210.4760, -30.3990, 5.7690

Conversions

Conversions Part 2

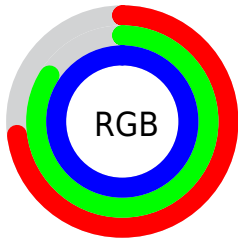
Format	Color
R _Y B	185, 206, 254
Decimal	12179454
CIE Lab	85.00, -1.39, -22.29
CIE LCh	85, 22.333, 266.422
Yxy	66.0070, 0.2686, 0.2854
Android (android.graphics.Color)	4290369534 (0xFFB9D7FE)
YUV	210.4760, 21.4573, -22.3425
Hunter-Lab	81.2447, -5.6590, -18.4058

Details

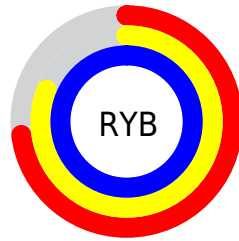
The CIELCh color `85, 22.333, 266.422` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `91, 23.370, 78.565`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.482, 199.269`, and `65, 22.402, 266.444` is the 20% darker color. If you saturate the color by 10%, you get `80, 30.537, 268.537`, and if you desaturate by 10%, it is `90, 14.114, 264.633`.

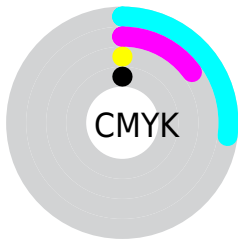
Distribution



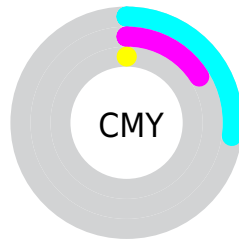
- Red (73%)
- Green (84%)
- Blue (100%)



- Red (73%)
- Yellow (81%)
- Blue (100%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (16%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 22.333, 266.422 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, 22.333, 266.422 by changing the saturation by 10% instead.


 85, 22.333,
266.422


 85, 22.333,
266.422


 100, 22.333,
266.422


 75, 22.333,
266.422

 65, 22.333,
266.422

 55, 22.333,
266.422

 45, 22.333,
266.422

 35, 22.333,
266.422

 25, 22.333,
266.422

 15, 22.333,

266.422

■ 5, 22.333, 266.422

■ 0, 22.333, 266.422

■ 85, 22.333,
266.422

■ 85, 22.333,
266.422

■ 80, 30.537,
268.537

■ 90, 14.114,
264.633

■ 74, 38.727,
271.038

■ 96, 5.895, 263.146

■ 69, 46.921,
273.968

100, 0.543,
109.995

■ 64, 55.163,
277.351

■ 60, 63.527,

281.159

■ 55, 72.090,
285.288

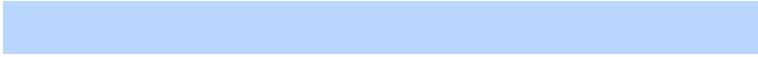
■ 51, 80.888,
289.539

■ 50, 83.421,
290.682

Harmonies

Complementary

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



85, 22.333, 266.422



91, 23.370, 78.565

Rectangle

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



85, 22.333, 266.422



85, 22.333, 316.422



85, 22.333, 86.422



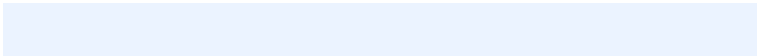
85, 22.333, 136.422

Sweetspot

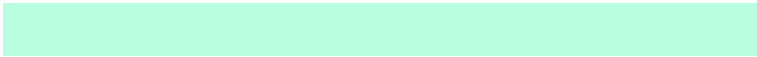
The Sweet Spot groups the original color and five complimentary colors.



85, 22.332, 266.419



96, 6.598, 263.256



95, 28.723, 163.854



50, 4.689, 263.464



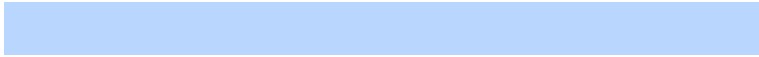
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 22.332, 266.419



82, 27.210, 267.611



78, 37.098, 295.154



50, 4.689, 263.464



38, 66.202, 289.931



10, 26.677, 283.915

Inverse Universe

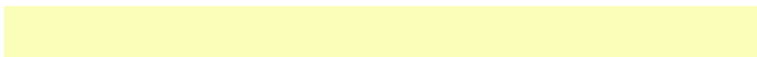
The Inverse Universe completely reimagines the original color for something new.



82, 29.738, 350.013



79, 36.362, 350.737



98, 34.744, 109.705



50, 6.118, 348.120



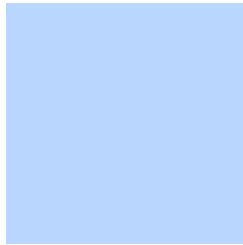
41, 68.037, 8.416



10, 31.411, 1.850

Previews

White Background



This preview shows how the CIELCh color 85, 22.333, 266.422 looks on a white background.

Color Contrast Check

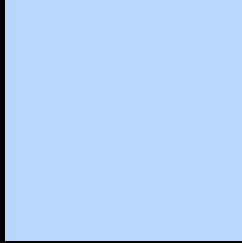
Large Text (above 18pt) WCAG AA × Fail

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, 22.333, 266.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

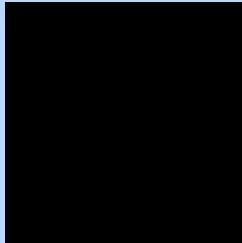
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

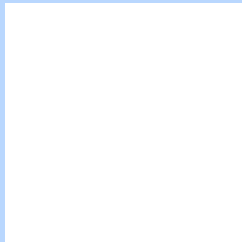
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 22.333, 266.422

Background



This preview shows how black text looks on a background with the CIELCh color 85, 22.333, 266.422.



This preview shows how white text looks on a background with the CIELCh color 85, 22.333, 266.422.

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, 22.333, 266.422

Protanopia

85, 21.633, 286.738

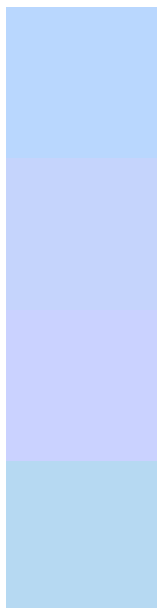
Deuteranopia

85, 25.370, 295.278



Tritanopia
85, 14.952, 235.661

Trichromacy



Original Color
85, 22.333, 266.422

Protanomaly
85, 21.473, 278.752

Deuteranomaly
85, 23.771, 285.858

Tritanomaly
85, 17.138, 249.299

Monochromacy



Original Color
85, 22.333, 266.422

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.230, 263.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 22.333, 266.422 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(185, 215, 254)` looks like.

```
.text, #text, p{  
    color:rgb(185, 215, 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(185, 215, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 215, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 22.333, 266.422 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(185, 215, 254) }
```

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

```
.border{ border-color:rgb(185, 215, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 215, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 215, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 215, 254);  
box-shadow:4px 4px 4px 4px rgb(185, 215,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 22.333, 266.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 215, 254) }
```

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

```
.background{ background-color: rgb(185,  
215, 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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