

Converting Colors

CIELCh(90, 80.953, 289.923)

Have a look what the booklet for
CIELCh(90, 80.953, 289.923)
contains.

CIELCh(85, 22.914, 260.154)	3
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Color

CIELCh(85, 22.914, 260.154)

Conversions

Conversions Part 1

Format	Color
Hex	B2D8FE
RGB	178, 216, 254
RGB Percent	70%, 85%, 100%
CMY	0.3004, 0.1514, 0.0024
CMYK	0.30, 0.15, 0.00, 0.00
HSL	210°, 98%, 85%
HSV	210°, 30%, 100%
XYZ	61.0589, 66.0070, 103.6045
YIQ	208.9700, -34.8460, 3.7620

Conversions

Conversions Part 2

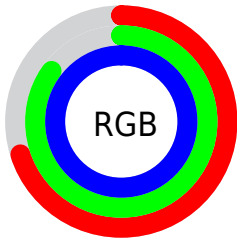
Format	Color
R _Y B	178, 203, 254
Decimal	11720958
CIE Lab	85.00, -3.92, -22.58
CIE LCh	85, 22.914, 260.154
Yxy	66.0070, 0.2647, 0.2862
Android (android.graphics.Color)	4289911038 (0xFFB2D8FE)
YUV	208.9700, 22.1998, -27.1607
Hunter-Lab	81.2447, -8.0278, -18.7362

Details

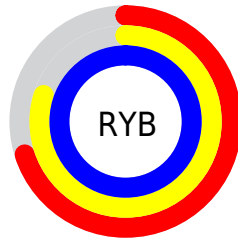
The CIELCh color **85, 22.914, 260.154** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **89, 24.909, 71.654**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.851, 199.068**, and **65, 22.960, 260.181** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.348, 262.369**, and if you desaturate by 10%, it is **90, 15.342, 258.298**.

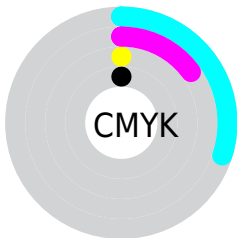
Distribution



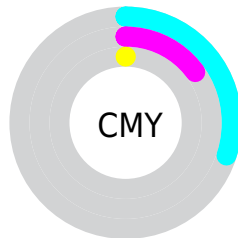
- Red (70%)
- Green (85%)
- Blue (100%)



- Red (70%)
- Yellow (80%)
- Blue (100%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 22.914, 260.154 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, 22.914, 260.154 by changing the saturation by 10% instead.

■ 85, 22.914,
260.154

■ 85, 22.914,
260.154

■ 100, 22.914,
260.154

■ 75, 22.914,
260.154

■ 65, 22.914,
260.154

■ 55, 22.914,
260.154

■ 45, 22.914,
260.154

■ 35, 22.914,
260.154

■ 25, 22.914,
260.154

■ 15, 22.914,

260.154

■ 5, 22.914, 260.154

■ 0, 22.914, 260.154

■ 85, 22.914,
260.154

■ 85, 22.914,
260.154

■ 80, 30.348,
262.369

■ 90, 15.342,
258.298

■ 75, 37.633,
265.013

■ 95, 7.662, 256.762

100, 0.095, 70.736

■ 71, 44.777,
268.136

100, 0.304,
109.901

■ 66, 51.824,
271.768

■ 62, 58.863,

275.881

■ 58, 66.013,
280.366

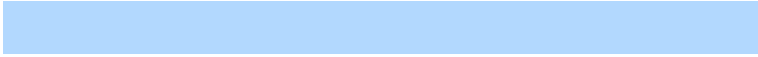
■ 55, 73.397,
284.952

■ 54, 73.498,
285.010

Harmonies

Complementary

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



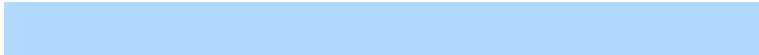
85, 22.914, 260.154



89, 24.909, 71.654

Rectangle

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



85, 22.914, 260.154



85, 22.914, 310.154



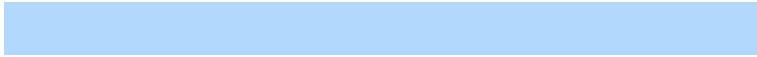
85, 22.914, 80.154



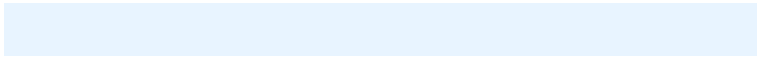
85, 22.914, 130.154

Sweetspot

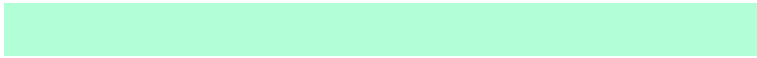
The Sweet Spot groups the original color and five complimentary colors.



85, 22.913, 260.151



95, 7.006, 256.645



94, 33.233, 159.988



50, 4.864, 256.844



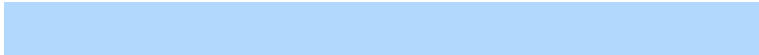
0, 0.000, 0.000



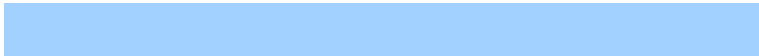
53, 0.007, 296.813

Same Dimension

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



85, 22.913, 260.151



82, 27.545, 261.466



76, 40.315, 293.270



51, 4.424, 256.713



41, 58.294, 284.175



12, 23.727, 277.619

Inverse Universe

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



81, 34.044, 346.454



77, 41.137, 347.175



98, 37.552, 106.550



50, 6.383, 344.401



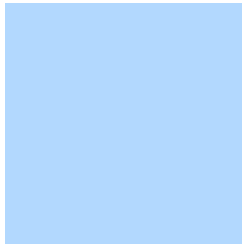
41, 68.248, 2.100



10, 31.870, 356.503

Previews

White Background



This preview shows how the CIE LCh color 85, 22.914, 260.154 looks on a white background.

Color Contrast Check

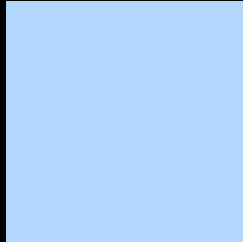
Large Text (above 18pt) WCAG AA × Fail

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, 22.914, 260.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

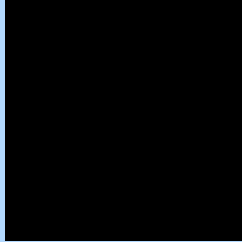
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

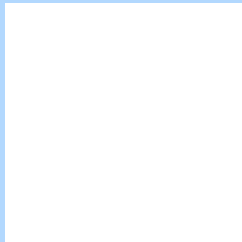
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 22.914, 260.154

Background



This preview shows how black text looks on a background with the CIELCh color 85, 22.914, 260.154.



This preview shows how white text looks on a background with the CIELCh color 85, 22.914, 260.154.

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, 22.929, 260.177

Protanopia

85, 21.110, 286.554

Deuteranopia

85, 25.351, 294.534



Tritanopia
85, 16.961, 232.735

Trichromacy



Original Color
85, 22.929, 260.177

Protanomaly
85, 21.609, 277.094

Deuteranomaly
85, 23.873, 283.554

Tritanomaly
85, 18.561, 244.144

Monochromacy



Original Color
85, 22.929, 260.177

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.730, 257.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 22.914, 260.154 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(178, 216, 254)` looks like.

```
.text, #text, p{  
    color:rgb(178, 216, 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(178, 216, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 216, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 22.914, 260.154 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(178, 216, 254) }
```

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

```
.border{ border-color:rgb(178, 216, 254) }
```

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

Here you see how a box with a 4 pixel rgb(178, 216, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 216, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 216, 254);  
box-shadow:4px 4px 4px 4px rgb(178, 216,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 22.914, 260.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 216, 254) }
```

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

```
.background{ background-color: rgb(178,  
216, 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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