

Converting Colors

CIELCh(85, 28.347, 230.699)

Have a look what the booklet for
CIELCh(85, 28.347, 230.699)
contains.

CIELCh(85, 28.346, 230.876)	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(85, 28.346, 230.876)

Conversions

Conversions Part 1

Format	Color
Hex	8DE0FD
RGB	141, 224, 253
RGB Percent	55%, 88%, 99%
CMY	0.4474, 0.1219, 0.0082
CMYK	0.44, 0.11, 0.00, 0.01
HSL	196°, 96%, 77%
HSV	196°, 44%, 99%
XYZ	55.3182, 66.0070, 102.6811
YIQ	202.4890, -58.7770, -8.5770

Conversions

Conversions Part 2

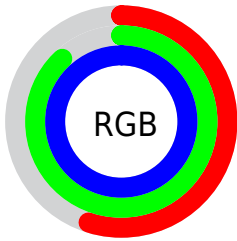
Format	Color
RYB	141, 189, 253
Decimal	9298173
CIELab	85.00, -17.89, -21.99
CIELCh	85, 28.346, 230.876
Yxy	66.0070, 0.2469, 0.2947
Android (android.graphics.Color)	4287488253 (0xFF8DE0FD)
YUV	202.4890, 24.9019, -53.9259
Hunter-Lab	81.2447, -20.6404, -18.0624

Details

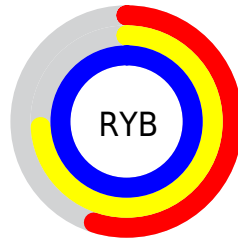
The CIELCh color **85, 28.346, 230.876** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **77, 38.646, 45.138**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.406, 198.288**, and **65, 28.223, 230.150** is the 20% darker color. If you saturate the color by 10%, you get **82, 33.170, 232.768**, and if you desaturate by 10%, it is **88, 22.832, 229.405**.

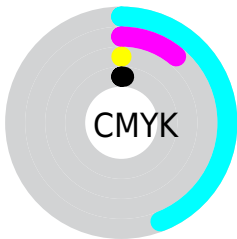
Distribution



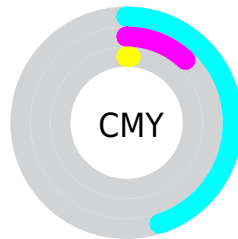
- Red (55%)
- Green (88%)
- Blue (99%)



- Red (55%)
- Yellow (74%)
- Blue (99%)



- Cyan (44%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)





- Cyan (45%)
- Magenta (12%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 28.346, 230.876 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, 28.346, 230.876 by changing the saturation by 10% instead.


 85, 28.346,
230.876


 85, 28.346,
230.876


 100, 28.346,
230.876


 75, 28.346,
230.876

 65, 28.346,
230.876

 55, 28.346,
230.876

 45, 28.346,
230.876

 35, 28.346,
230.876

 25, 28.346,
230.876

 15, 28.346,

230.876

■ 5, 28.346, 230.876

■ 0, 28.346, 230.876

■ 85, 28.346,
230.876

■ 85, 28.346,
230.876

■ 82, 33.170,
232.768

■ 88, 22.832,
229.405

■ 79, 37.241,
235.182

■ 91, 16.722,
228.281

■ 77, 40.543,
238.210

■ 94, 10.115,
227.439

■ 75, 43.136,
241.928

■ 98, 3.106, 226.924

■ 73, 45.172,

100, 1.046,
110.026

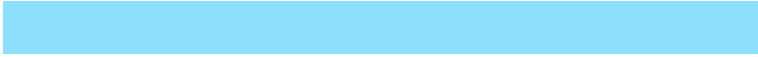
246.351

■ 71, 46.222,
249.093

Harmonies

Complementary

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



85, 28.346, 230.876



77, 38.646, 45.138

Rectangle

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



85, 28.346, 230.876



85, 28.346, 280.876



85, 28.346, 50.876



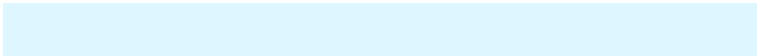
85, 28.346, 100.876

Sweetspot

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



85, 28.345, 230.874



96, 9.298, 227.351



91, 58.166, 148.395



50, 6.469, 227.507



0, 0.000, 0.000



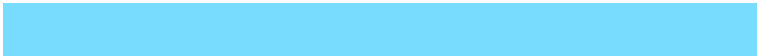
53, 0.007, 296.813

Same Dimension

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



85, 28.345, 230.874



83, 32.806, 232.503



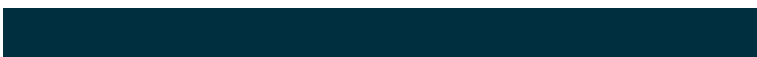
70, 46.270, 284.656



51, 4.101, 227.133



55, 37.259, 248.201



18, 16.595, 241.685

Inverse Universe

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



73, 58.098, 335.889



69, 68.724, 336.635



90, 44.524, 91.669



50, 7.559, 333.274



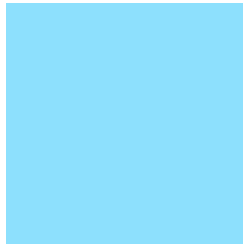
43, 76.375, 342.005



11, 35.918, 339.931

Previews

White Background



This preview shows how the CIELCh color 85, 28.346, 230.876 looks on a white background.

Color Contrast Check

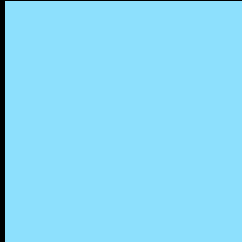
Large Text (above 18pt) WCAG AA × Fail

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, 28.346, 230.876 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, 28.346, 230.876

Background



This preview shows how black text looks on a background with the CIELCh color 85, 28.346, 230.876.



This preview shows how white text looks on a background with the CIELCh color 85, 28.346, 230.876.

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
85, 27.640, 219.205

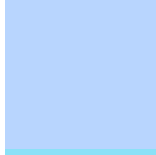
Trichromacy



Original Color
85, 28.346, 230.876



Protanomaly
85, 19.620, 258.604



Deuteranomaly
84, 23.188, 268.451

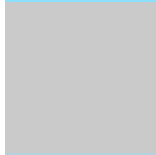


Tritanomaly
85, 27.780, 222.710

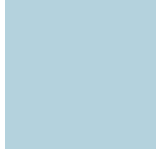
Monochromacy



Original Color
85, 28.346, 230.876



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 11.629, 228.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 28.346, 230.876 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(141, 224, 253)` looks like.

```
.text, #text, p{  
    color:rgb(141, 224, 253)  
}
```

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(141, 224, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 224, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 28.346, 230.876 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(141, 224, 253) }
```

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

```
.border{ border-color:rgb(141, 224, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 224, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 224, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 224, 253);  
box-shadow:4px 4px 4px 4px rgb(141, 224,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 28.346, 230.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 224, 253) }
```

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

```
.background{ background-color: rgb(141,  
224, 253) }
```

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