

Converting Colors

CIELCh(85, 28.361, 224.703)

Have a look what the booklet for
CIELCh(85, 28.361, 224.703)
contains.

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Color

CIELCh(85, 28.287, 224.630)

Conversions

Conversions Part 1

Format	Color
Hex	8AE1F9
RGB	138, 225, 249
RGB Percent	54%, 88%, 98%
CMY	0.4593, 0.1181, 0.0240
CMYK	0.45, 0.10, 0.00, 0.02
HSL	193°, 90%, 76%
HSV	193°, 45%, 98%
XYZ	54.4308, 66.0070, 99.3904
YIQ	201.7230, -59.5560, -10.9800

Conversions

Conversions Part 2

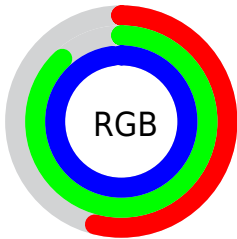
Format	Color
R _Y B	138, 187, 249
Decimal	9101817
CIE Lab	85.00, -20.13, -19.87
CIE LCh	85, 28.287, 224.630
Yxy	66.0070, 0.2476, 0.3003
Android (android.graphics.Color)	4287291897 (0xFF8AE1F9)
YUV	201.7230, 23.3076, -55.8851
Hunter-Lab	81.2447, -22.5901, -15.6609

Details

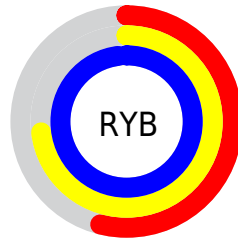
The CIELCh color **85, 28.287, 224.630** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 39.301, 41.096**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.314, 198.231**, and **65, 28.438, 224.519** is the 20% darker color. If you saturate the color by 10%, you get **83, 32.897, 226.151**, and if you desaturate by 10%, it is **88, 22.920, 223.477**.

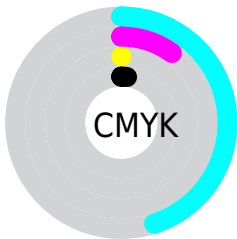
Distribution



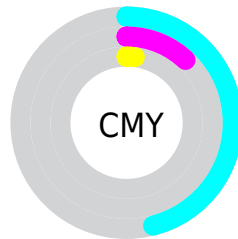
- Red (54%)
- Green (88%)
- Blue (98%)



- Red (54%)
- Yellow (73%)
- Blue (98%)



- Cyan (45%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)





- Cyan (46%)
- Magenta (12%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 28.287, 224.630 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, 28.287, 224.630 by changing the saturation by 10% instead.


 85, 28.287,
224.630


 85, 28.287,
224.630


 100, 28.287,
224.630


 75, 28.287,
224.630

 65, 28.287,
224.630

 55, 28.287,
224.630

 45, 28.287,
224.630

 35, 28.287,
224.630

 25, 28.287,
224.630

 15, 28.287,

224.630

■ 5, 28.287, 224.630

■ 0, 28.287, 224.630

■ 85, 28.287,
224.630

■ 85, 28.287,
224.630

■ 83, 32.897,
226.151

■ 88, 22.920,
223.477

■ 80, 36.676,
228.132

■ 90, 16.902,
222.627

■ 78, 39.590,
230.662

■ 93, 10.340,
222.025

■ 76, 41.680,
233.824

■ 96, 3.341, 221.711

■ 74, 43.081,

■ 99, 1.844, 72.054

237.663

100, 3.095,
109.922

73, 43.681,
239.942

Harmonies

Complementary

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



85, 28.287, 224.630



75, 39.301, 41.096

Rectangle

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



85, 28.287, 224.630



85, 28.287, 274.630



85, 28.287, 44.630



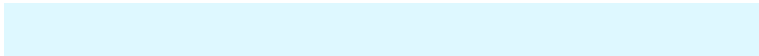
85, 28.287, 94.630

Sweetspot

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



85, 28.286, 224.628



96, 9.431, 221.951



90, 60.013, 146.657



51, 6.560, 222.056



0, 0.000, 0.000



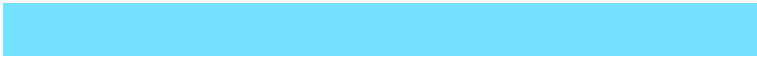
53, 0.007, 296.813

Same Dimension

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



85, 28.286, 224.628



84, 33.281, 226.060



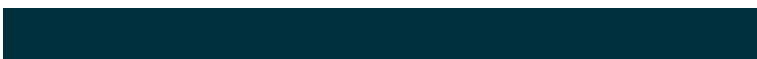
70, 43.082, 281.443



51, 4.094, 221.811



57, 35.385, 239.148



18, 15.780, 233.213

Inverse Universe

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



72, 59.407, 334.142



69, 71.830, 334.869



87, 42.519, 87.883



49, 7.664, 331.675



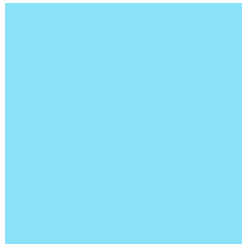
43, 77.962, 339.178



11, 35.993, 337.507

Previews

White Background



This preview shows how the CIE LCh color 85, 28.287, 224.630 looks on a white background.

Color Contrast Check

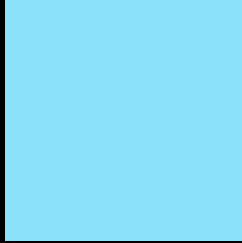
Large Text (above 18pt) WCAG AA × Fail

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, 28.287, 224.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

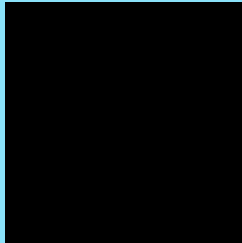
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 28.287, 224.630

Background



This preview shows how black text looks on a background with the CIELCh color 85, 28.287, 224.630.

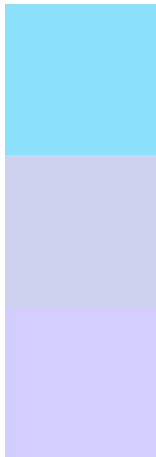


This preview shows how white text looks on a background with the CIELCh color 85, 28.287, 224.630.

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, 28.287, 224.630

Protanopia
85, 15.290, 287.647

Deuteranopia
85, 24.891, 296.075

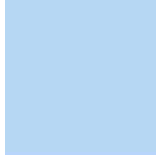


Tritanopia
85, 28.226, 217.527

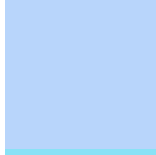
Trichromacy



Original Color
85, 28.287, 224.630



Protanomaly
84, 17.956, 254.530



Deuteranomaly
84, 21.782, 266.517

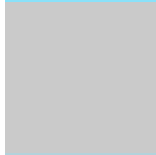


Tritanomaly
85, 28.201, 219.890

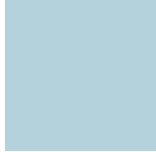
Monochromacy



Original Color
85, 28.287, 224.630



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 11.505, 223.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 28.287, 224.630 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(138, 225, 249)` looks like.

```
.text, #text, p{  
    color:rgb(138, 225, 249)  
}
```

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(138, 225, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 225, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 28.287, 224.630 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(138, 225, 249) }
```

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

```
.border{ border-color:rgb(138, 225, 249) }
```

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

Here you see how a box with a 4 pixel rgb(138, 225, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 225, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 225, 249);  
box-shadow:4px 4px 4px 4px rgb(138, 225,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 28.287, 224.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 225, 249) }
```

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

```
.background{ background-color: rgb(138,  
225, 249) }
```

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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