

Converting Colors

CIELCh(86, 27.360, 209.415)

Have a look what the booklet for
CIELCh(86, 27.360, 209.415)
contains.

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Color

CIELCh(86, 27.351, 209.994)

Conversions

Conversions Part 1

Format	Color
Hex	8DE5F0
RGB	141, 229, 240
RGB Percent	55%, 90%, 94%
CMY	0.4471, 0.1020, 0.0589
CMYK	0.41, 0.05, 0.00, 0.06
HSL	187°, 77%, 75%
HSV	187°, 41%, 94%
XYZ	54.7275, 67.9871, 92.6700
YIQ	203.9420, -55.9790, -15.2350

Conversions

Conversions Part 2

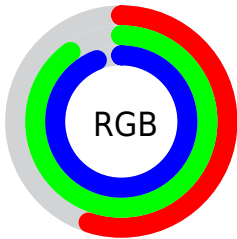
Format	Color
R_{YB}	141, 188, 240
Decimal	9299440
CIE _{Lab}	86.00, -23.69, -13.67
CIE _{LCh}	86, 27.351, 209.994
Yxy	67.9871, 0.2541, 0.3157
Android (android.graphics.Color)	4287489520 (0xFF8DE5F0)
YUV	203.9420, 17.7766, -55.2001
Hunter-Lab	82.4543, -25.8191, -8.9177

Details

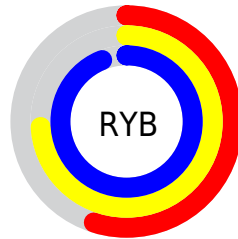
The CIELCh color `86, 27.351, 209.994` is a light color, and the websafe version is hex `99FFFF`. A complement of this color would be `71, 37.332, 31.739`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `96, 18.406, 198.288`, and `66, 27.189, 210.432` is the 20% darker color. If you saturate the color by 10%, you get `84, 32.206, 210.449`, and if you desaturate by 10%, it is `88, 21.674, 209.729`.

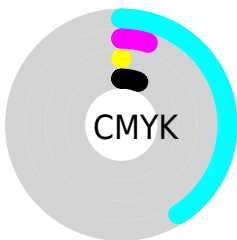
Distribution



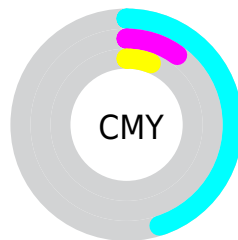
- Red (55%)
- Green (90%)
- Blue (94%)



- Red (55%)
- Yellow (74%)
- Blue (94%)



- Cyan (41%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (45%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 27.351, 209.994 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 86, 27.351, 209.994 by changing the saturation by 10% instead.

■ 86, 27.351,
209.994

■ 86, 27.351,
209.994

■ 100, 27.351,
209.994

■ 76, 27.351,
209.994

■ 66, 27.351,
209.994

■ 56, 27.351,
209.994

■ 46, 27.351,
209.994

■ 36, 27.351,
209.994

■ 26, 27.351,
209.994

■ 16, 27.351,

209.994

■ 6, 27.351, 209.994

■ 0, 27.351, 209.994

■ 86, 27.351,
209.994

■ 86, 27.351,
209.994

■ 84, 32.206,
210.449

■ 88, 21.674,
209.729

■ 83, 36.137,
211.142

■ 90, 15.300,
209.629

■ 81, 39.074,
212.114

■ 92, 8.352, 209.676

■ 80, 41.003,
213.414

■ 94, 0.951, 210.381

■ 97, 4.671, 34.308

■ 79, 41.986,

215.081

97, 4.370, 55.068

78, 42.253,
216.823

98, 4.677, 75.760

98, 5.489, 92.053

99, 6.619, 103.447

Harmonies

Complementary

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



86, 27.351, 209.994



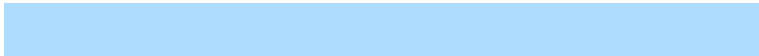
71, 37.332, 31.739

Rectangle

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



86, 27.351, 209.994



86, 27.351, 259.994



86, 27.351, 29.994



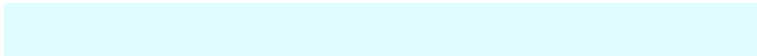
86, 27.351, 79.994

Sweetspot

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



86, 27.351, 209.991



97, 9.338, 209.666



87, 58.122, 143.961



51, 6.171, 209.653



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

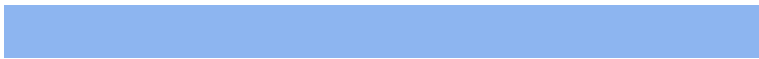
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 27.351, 209.991



89, 32.734, 210.335



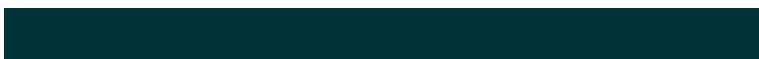
73, 33.829, 272.711



49, 4.235, 209.703



61, 34.606, 216.436



18, 15.276, 213.315

Inverse Universe

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



72, 57.582, 330.060



72, 70.835, 330.526



83, 35.463, 79.898



47, 7.976, 328.140



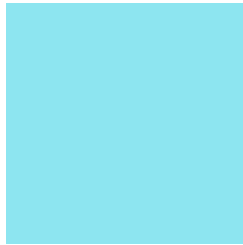
42, 82.768, 333.212



10, 36.570, 332.446

Previews

White Background



This preview shows how the CIE LCh color 86, 27.351, 209.994 looks on a white background.

Color Contrast Check

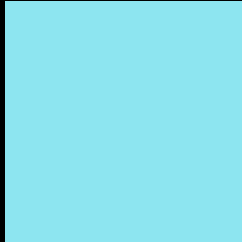
Large Text (above 18pt) WCAG AA × Fail

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 86, 27.351, 209.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

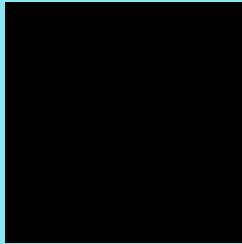
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 27.351, 209.994

Background



This preview shows how black text looks on a background with the CIELCh color 86, 27.351, 209.994.

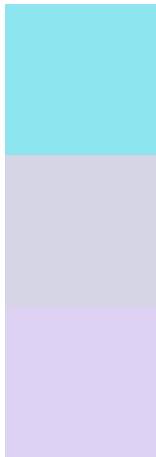


This preview shows how white text looks on a background with the CIELCh color 86, 27.351, 209.994.

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
86, 27.351, 209.994

Protanopia
86, 8.935, 290.937

Deuteranopia
86, 18.932, 304.223

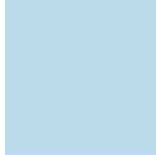


Tritanopia
86, 27.078, 218.438

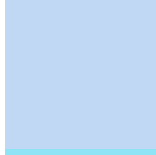
Trichromacy



Original Color
86, 27.351, 209.994



Protanomaly
86, 13.124, 235.891



Deuteranomaly
85, 16.049, 261.656

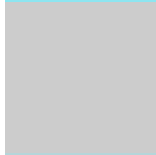


Tritanomaly
86, 27.132, 215.988

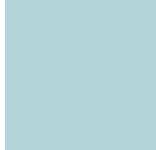
Monochromacy



Original Color
86, 27.351, 209.994



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 11.178, 209.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 27.351, 209.994 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, 229, 240)` looks like.

```
.text, #text, p{  
    color:rgb(141, 229, 240)  
}
```

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, 229, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 229, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 27.351, 209.994 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, 229, 240) }
```

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

```
.border{ border-color:rgb(141, 229, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 229, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 229, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 229, 240);  
box-shadow:4px 4px 4px 4px rgb(141, 229,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 27.351, 209.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 229, 240) }
```

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

```
.background{ background-color: rgb(141,  
229, 240) }
```

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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