

Converting Colors

CIELCh(86, 27.075, 205.536)

Have a look what the booklet for
CIELCh(86, 27.075, 205.536)
contains.

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Color

CIELCh(86, 27.075, 205.536)

Conversions

Conversions Part 1

Format	Color
Hex	8EE5EC
RGB	142, 229, 236
RGB Percent	56%, 90%, 93%
CMY	0.4423, 0.1012, 0.0737
CMYK	0.40, 0.03, 0.00, 0.07
HSL	184°, 71%, 74%
HSV	184°, 40%, 93%
XYZ	54.4351, 67.9871, 89.7649
YIQ	203.7850, -54.0990, -16.2670

Conversions

Conversions Part 2

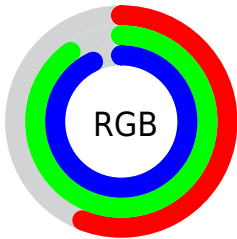
Format	Color
R _Y B	142, 187, 236
Decimal	9364972
CIE _{Lab}	86.00, -24.43, -11.67
CIE _{LCh}	86, 27.075, 205.536
Y _{xy}	67.9871, 0.2565, 0.3204
Android (android.graphics.Color)	4287555052 (0xFF8EE5EC)
YUV	203.7850, 15.8820, -54.1854
Hunter-Lab	82.4543, -26.4520, -6.8288

Details

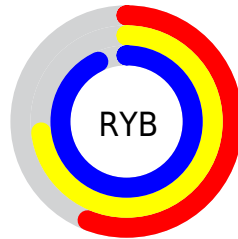
The CIELCh color **86, 27.075, 205.536** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **70, 36.386, 28.679**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.101, 198.308**, and **66, 27.012, 205.628** is the 20% darker color. If you saturate the color by 10%, you get **85, 32.146, 205.674**, and if you desaturate by 10%, it is **88, 21.183, 205.534**.

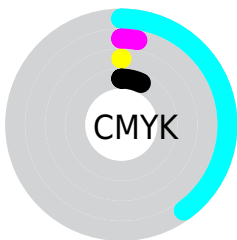
Distribution



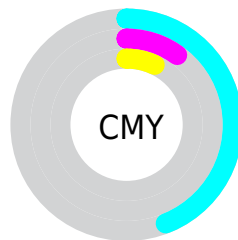
- Red (56%)
- Green (90%)
- Blue (93%)



- Red (56%)
- Yellow (73%)
- Blue (93%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (44%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 27.075, 205.536 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, 27.075, 205.536 by changing the saturation by 10% instead.

■ 86, 27.075,
205.536

■ 86, 27.075,
205.536

■ 100, 27.075,
205.536

■ 76, 27.075,
205.536

■ 66, 27.075,
205.536

■ 56, 27.075,
205.536

■ 46, 27.075,
205.536

■ 36, 27.075,
205.536

■ 26, 27.075,
205.536

■ 16, 27.075,

205.536

■ 6, 27.075, 205.536

■ 0, 27.075, 205.536

■ 86, 27.075,
205.536

■ 86, 27.075,
205.536

■ 85, 32.146,
205.674

■ 88, 21.183,
205.534

■ 83, 36.288,
205.983

■ 89, 14.595,
205.657

■ 82, 39.428,
206.486

■ 91, 7.440, 205.902

■ 81, 41.542,
207.212

■ 94, 0.160, 22.150

■ 95, 6.172, 28.246

■ 81, 42.677,

208.182

96, 5.759, 37.992

80, 43.026,
209.386

96, 5.536, 48.864

80, 43.031,
209.412

97, 5.526, 60.188

97, 5.728, 71.113

Harmonies

Complementary

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



86, 27.075, 205.536



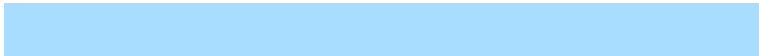
70, 36.386, 28.679

Rectangle

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



86, 27.075, 205.536



86, 27.075, 255.536



86, 27.075, 25.536



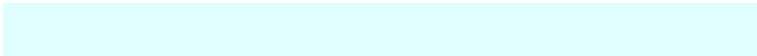
86, 27.075, 75.536

Sweetspot

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



86, 27.075, 205.533



97, 9.639, 205.833



86, 56.726, 143.175



52, 6.370, 205.798



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, 27.075, 205.533



91, 33.269, 205.641



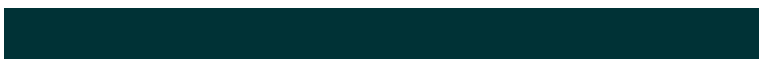
73, 30.882, 269.261



48, 4.295, 205.913



63, 35.304, 209.170



18, 15.290, 207.132

Inverse Universe

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



72, 56.325, 328.785



73, 71.275, 329.245



81, 33.029, 77.002



46, 8.038, 327.028



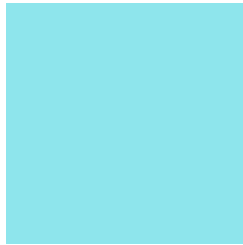
42, 84.301, 331.431



9, 36.409, 330.930

Previews

White Background



This preview shows how the CIE LCh color 86, 27.075, 205.536 looks on a white background.

Color Contrast Check

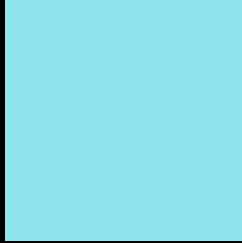
Large Text (above 18pt) WCAG AA × Fail

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, 27.075, 205.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

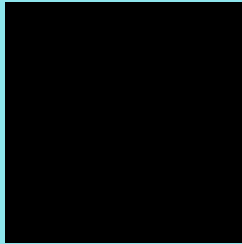
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 27.075, 205.536

Background



This preview shows how black text looks on a background with the CIELCh color 86, 27.075, 205.536.

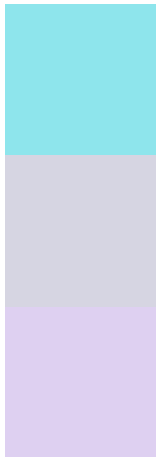


This preview shows how white text looks on a background with the CIELCh color 86, 27.075, 205.536.

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, 27.075, 205.536

Protanopia
86, 6.849, 293.711

Deuteranopia
86, 18.101, 307.064

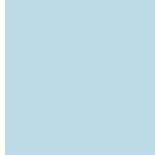


Tritanopia
86, 26.609, 218.843

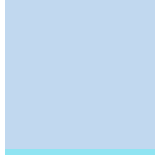
Trichromacy



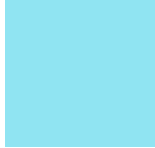
Original Color
86, 27.075, 205.536



Protanomaly
86, 11.844, 228.129



Deuteranomaly
85, 14.137, 258.198

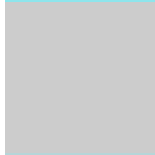


Tritanomaly
86, 26.509, 214.036

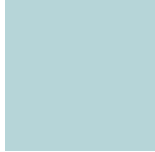
Monochromacy



Original Color
86, 27.075, 205.536



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 10.801, 207.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 27.075, 205.536 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(142, 229, 236)` looks like.

```
.text, #text, p{  
    color:rgb(142, 229, 236)  
}
```

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(142, 229, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 229, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 27.075, 205.536 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(142, 229, 236) }
```

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

```
.border{ border-color:rgb(142, 229, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 229, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 229, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 229, 236);  
box-shadow:4px 4px 4px 4px rgb(142, 229,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 27.075, 205.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 229, 236) }
```

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

```
.background{ background-color: rgb(142,  
229, 236) }
```

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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