

Converting Colors

CIELCh(86, 25.549, 213.795)

Have a look what the booklet for
CIELCh(86, 25.549, 213.795)
contains.

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Color

CIELCh(86, 25.457, 213.531)

Conversions

Conversions Part 1

Format	Color
Hex	94E4F1
RGB	148, 228, 241
RGB Percent	58%, 89%, 95%
CMY	0.4204, 0.1067, 0.0557
CMYK	0.39, 0.05, 0.00, 0.06
HSL	188°, 77%, 76%
HSV	188°, 39%, 94%
XYZ	55.7072, 67.9871, 93.2419
YIQ	205.5620, -51.8530, -12.9170

Conversions

Conversions Part 2

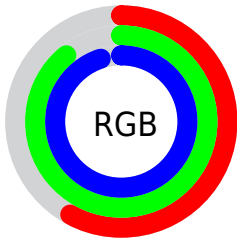
Format	Color
R_{YB}	148, 191, 241
Decimal	9757937
CIE _{Lab}	86.00, -21.22, -14.06
CIE _{LCh}	86, 25.457, 213.531
Y _{xy}	67.9871, 0.2568, 0.3134
Android (android.graphics.Color)	4287948017 (0xFF94E4F1)
YUV	205.5620, 17.4709, -50.4819
Hunter-Lab	82.4543, -23.6982, -9.3290

Details

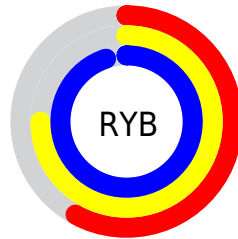
The CIELCh color **86, 25.457, 213.531** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 33.948, 33.930**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.562, 198.406**, and **66, 25.309, 214.233** is the 20% darker color. If you saturate the color by 10%, you get **84, 30.465, 214.164**, and if you desaturate by 10%, it is **88, 19.683, 213.116**.

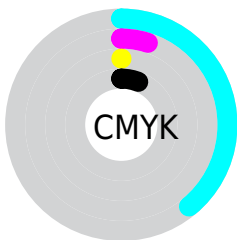
Distribution



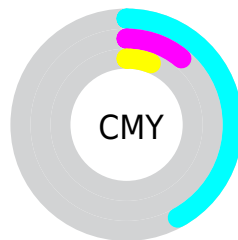
- Red (58%)
- Green (89%)
- Blue (95%)



- Red (58%)
- Yellow (75%)
- Blue (95%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)





- Cyan (42%)
- Magenta (11%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 25.457, 213.531 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, 25.457, 213.531 by changing the saturation by 10% instead.


 86, 25.457,
213.531


 86, 25.457,
213.531


 100, 25.457,
213.531


 76, 25.457,
213.531

 66, 25.457,
213.531

 56, 25.457,
213.531

 46, 25.457,
213.531

 36, 25.457,
213.531

 26, 25.457,
213.531

 16, 25.457,

213.531

■ 6, 25.457, 213.531

■ 0, 25.457, 213.531

■ 86, 25.457,
213.531

■ 86, 25.457,
213.531

■ 84, 30.465,
214.164

■ 88, 19.683,
213.116

■ 82, 34.600,
215.074

■ 90, 13.264,
212.889

■ 81, 37.783,
216.315

■ 93, 6.321, 212.839

■ 79, 39.988,
217.950

■ 95, 1.034, 32.129

■ 97, 4.169, 47.353

■ 78, 41.259,

220.036

98, 4.411, 75.322

77, 41.760,
222.590

99, 5.500, 96.072

77, 41.809,
222.958

100, 7.049,
108.818

100, 7.192,
109.629

Harmonies

Complementary

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



86, 25.457, 213.531



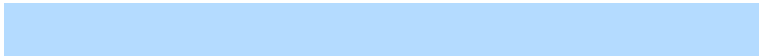
74, 33.948, 33.930

Rectangle

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



86, 25.457, 213.531



86, 25.457, 263.531



86, 25.457, 33.531



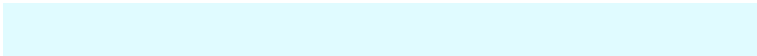
86, 25.457, 83.531

Sweetspot

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



86, 25.457, 213.528



97, 9.132, 212.833



88, 53.424, 145.229



51, 6.035, 212.838



0, 0.000, 0.000



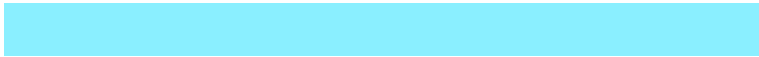
53, 0.007, 296.813

Same Dimension

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



86, 25.457, 213.528



89, 30.601, 213.983



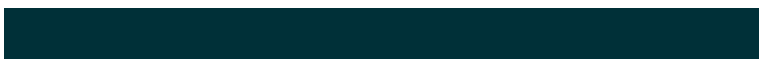
74, 33.110, 274.958



49, 4.142, 212.834



60, 34.139, 222.446



18, 15.025, 218.349

Inverse Universe

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



73, 53.191, 330.877



73, 65.631, 331.350



85, 33.948, 83.233



47, 7.818, 329.051



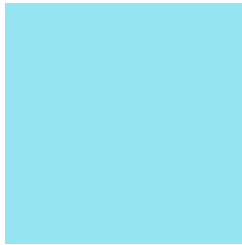
42, 80.946, 334.704



9, 35.872, 333.683

Previews

White Background



This preview shows how the CIELCh color 86, 25.457, 213.531 looks on a white background.

Color Contrast Check

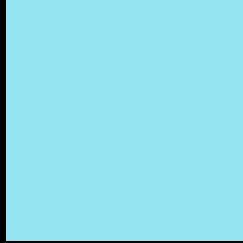
Large Text (above 18pt) WCAG AA × Fail

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, 25.457, 213.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

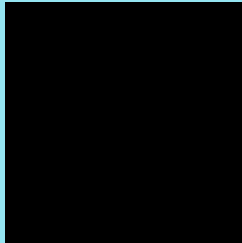
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 25.457, 213.531

Background



This preview shows how black text looks on a background with the CIELCh color 86, 25.457, 213.531.



This preview shows how white text looks on a background with the CIELCh color 86, 25.457, 213.531.

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



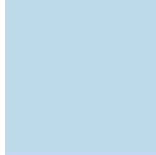


Tritanopia
86, 25.420, 219.955

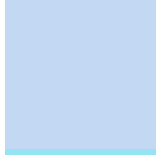
Trichromacy



Original Color
86, 25.457, 213.531



Protanomaly
85, 13.013, 242.461



Deuteranomaly
86, 15.761, 263.727

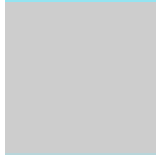


Tritanomaly
86, 25.203, 217.556

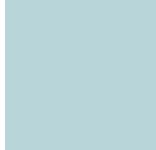
Monochromacy



Original Color
86, 25.457, 213.531



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 10.293, 213.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 25.457, 213.531 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(148, 228, 241)` looks like.

```
.text, #text, p{  
    color:rgb(148, 228, 241)  
}
```

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(148, 228, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 228, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 25.457, 213.531 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(148, 228, 241) }
```

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

```
.border{ border-color:rgb(148, 228, 241) }
```

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

Here you see how a box with a 4 pixel rgb(148, 228, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 228, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 228, 241);  
box-shadow:4px 4px 4px 4px rgb(148, 228,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 25.457, 213.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 228, 241) }
```

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

```
.background{ background-color: rgb(148,  
228, 241) }
```

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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