

Converting Colors

CIELCh(87, 27.193, 225.721)

Have a look what the booklet for
CIELCh(87, 27.193, 225.721)
contains.

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Color

CIELCh(87, 27.195, 225.741)

Conversions

Conversions Part 1

Format	Color
Hex	94E6FE
RGB	148, 230, 254
RGB Percent	58%, 90%, 100%
CMY	0.4198, 0.0982, 0.0041
CMYK	0.42, 0.09, 0.00, 0.00
HSL	194°, 98%, 79%
HSV	194°, 42%, 100%
XYZ	58.3650, 70.0064, 104.1563
YIQ	208.2180, -56.5760, -9.9200

Conversions

Conversions Part 2

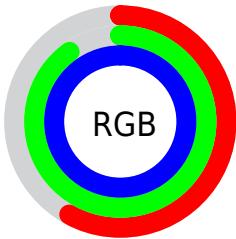
Format	Color
RYB	148, 194, 254
Decimal	9758462
CIELab	87.00, -18.98, -19.48
CIELCh	87, 27.195, 225.741
Yxy	70.0064, 0.2510, 0.3011
Android (android.graphics.Color)	4287948542 (0xFF94E6FE)
YUV	208.2180, 22.5705, -52.8112
Hunter-Lab	83.6698, -21.9072, -15.2383

Details

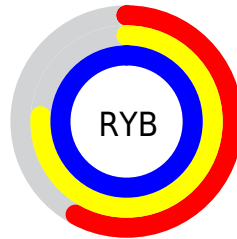
The CIELCh color **87, 27.195, 225.741** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 36.752, 41.989**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.252, 198.426**, and **67, 27.039, 226.012** is the 20% darker color. If you saturate the color by 10%, you get **84, 32.124, 227.241**, and if you desaturate by 10%, it is **90, 21.540, 224.601**.

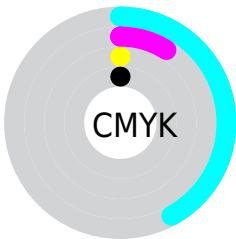
Distribution



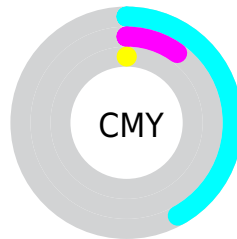
- Red (58%)
- Green (90%)
- Blue (100%)



- Red (58%)
- Yellow (76%)
- Blue (100%)



- Cyan (42%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (10%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 27.195, 225.741 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 87, 27.195, 225.741 by changing the saturation by 10% instead.


 87, 27.195,
225.741


 87, 27.195,
225.741


 100, 27.195,
225.741


 77, 27.195,
225.741

 67, 27.195,
225.741

 57, 27.195,
225.741

 47, 27.195,
225.741

 37, 27.195,
225.741

 27, 27.195,
225.741

 17, 27.195,

225.741

■ 7, 27.195, 225.741

■ 0, 27.195, 225.741

■ 87, 27.195,
225.741

■ 87, 27.195,
225.741

■ 84, 32.124,
227.241

■ 90, 21.540,
224.601

■ 82, 36.245,
229.194

■ 93, 15.266,
223.759

■ 80, 39.511,
231.689

■ 96, 8.481, 223.165

■ 77, 41.947,
234.816

■ 99, 1.289, 223.137

100, 0.523,
109.991

■ 76, 43.665,

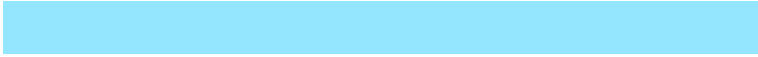
238.630

■ 74, 44.743,
242.219

Harmonies

Complementary

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



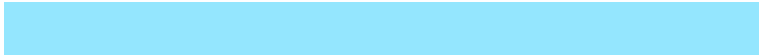
87, 27.195, 225.741



78, 36.752, 41.989

Rectangle

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



87, 27.195, 225.741



87, 27.195, 275.741



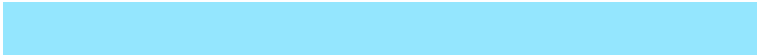
87, 27.195, 45.741



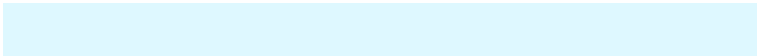
87, 27.195, 95.741

Sweetspot

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



87, 27.194, 225.738



96, 9.392, 223.226



92, 56.562, 147.542



50, 6.533, 223.344



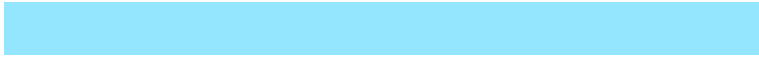
0, 0.000, 0.000



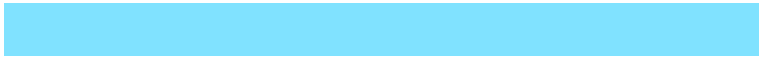
53, 0.007, 296.813

Same Dimension

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



87, 27.194, 225.738



85, 31.426, 226.952



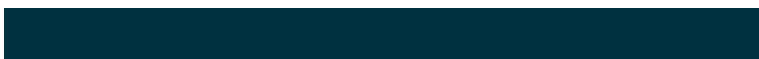
73, 41.755, 281.924



52, 4.144, 223.068



57, 36.030, 241.389



18, 16.278, 235.491

Inverse Universe

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



75, 56.366, 334.340



71, 66.740, 334.980



90, 40.953, 89.554



50, 7.736, 332.049



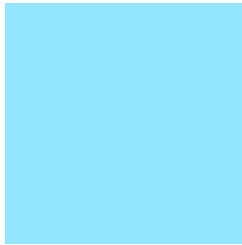
43, 78.152, 339.842



11, 36.679, 338.135

Previews

White Background



This preview shows how the CIE LCh color 87, 27.195, 225.741 looks on a white background.

Color Contrast Check

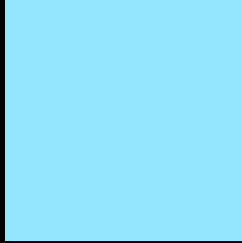
Large Text (above 18pt) WCAG AA × Fail

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 87, 27.195, 225.741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

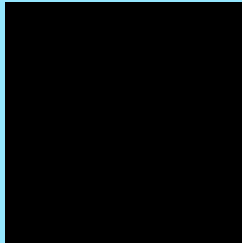
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 27.195, 225.741

Background



This preview shows how black text looks on a background with the CIELCh color 87, 27.195, 225.741.

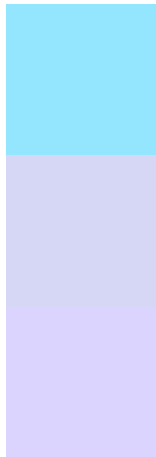


This preview shows how white text looks on a background with the CIELCh color 87, 27.195, 225.741.

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
87, 27.195, 225.741

Protanopia
87, 15.210, 288.886

Deuteranopia
87, 22.702, 297.095

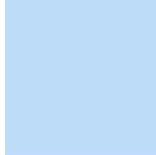


Tritanopia
87, 26.842, 218.597

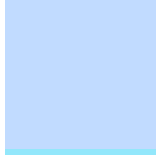
Trichromacy



Original Color
87, 27.195, 225.741



Protanomaly
86, 17.550, 256.120



Deuteranomaly
87, 20.397, 267.361

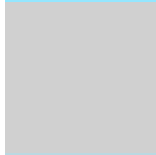


Tritanomaly
87, 27.069, 220.844

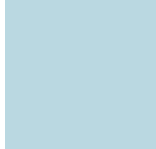
Monochromacy



Original Color
87, 27.195, 225.741



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 11.166, 224.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 27.195, 225.741 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, 230, 254)` looks like.

```
.text, #text, p{  
    color:rgb(148, 230, 254)  
}
```

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, 230, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 230, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 27.195, 225.741 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, 230, 254) }
```

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

```
.border{ border-color:rgb(148, 230, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 230, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 230, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 230, 254);  
box-shadow:4px 4px 4px 4px rgb(148, 230,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 27.195, 225.741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 230, 254) }
```

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

```
.background{ background-color: rgb(148,  
230, 254) }
```

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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