

Converting Colors

CIELCh(87, 27.776, 217.819)

Have a look what the booklet for
CIELCh(87, 27.776, 217.819)
contains.

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Color

CIELCh(87, 27.776, 217.819)

Conversions

Conversions Part 1

Format	Color
Hex	8FE7F9
RGB	143, 231, 249
RGB Percent	56%, 91%, 98%
CMY	0.4382, 0.0931, 0.0225
CMYK	0.43, 0.07, 0.00, 0.02
HSL	190°, 90%, 77%
HSV	190°, 43%, 98%
XYZ	57.1530, 70.0064, 100.3267
YIQ	206.7400, -58.2260, -13.0580

Conversions

Conversions Part 2

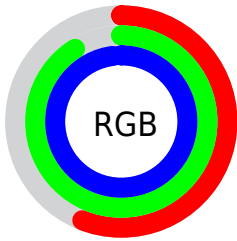
Format	Color
RYB	143, 191, 249
Decimal	9431033
CIELab	87.00, -21.94, -17.03
CIELCh	87, 27.776, 217.819
Yxy	70.0064, 0.2512, 0.3077
Android (android.graphics.Color)	4287621113 (0xFF8FE7F9)
YUV	206.7400, 20.8342, -55.9000
Hunter-Lab	83.6698, -24.4927, -12.5245

Details

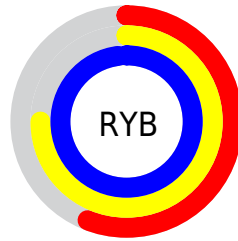
The CIELCh color **87, 27.776, 217.819** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **75, 38.271, 36.820**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 17.795, 198.327**, and **67, 27.780, 218.676** is the 20% darker color. If you saturate the color by 10%, you get **85, 32.537, 218.831**, and if you desaturate by 10%, it is **89, 22.214, 217.091**.

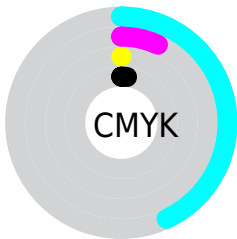
Distribution



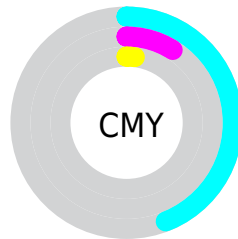
- Red (56%)
- Green (91%)
- Blue (98%)



- Red (56%)
- Yellow (75%)
- Blue (98%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (44%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 27.776, 217.819 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, 27.776, 217.819 by changing the saturation by 10% instead.

■ 87, 27.776,
217.819

■ 87, 27.776,
217.819

■ 100, 27.776,
217.819

■ 77, 27.776,
217.819

■ 67, 27.776,
217.819

■ 57, 27.776,
217.819

■ 47, 27.776,
217.819

■ 37, 27.776,
217.819

■ 27, 27.776,
217.819

■ 17, 27.776,

217.819

■ 7, 27.776, 217.819

■ 0, 27.776, 217.819

■ 87, 27.776,
217.819

■ 87, 27.776,
217.819

■ 85, 32.537,
218.831

■ 89, 22.214,
217.091

■ 83, 36.400,
220.201

■ 92, 15.967,
216.601

■ 81, 39.311,
222.001

■ 94, 9.157, 216.311

■ 79, 41.273,
224.308

■ 97, 1.896, 216.403

■ 99, 1.829, 80.151

■ 78, 42.381,

227.181

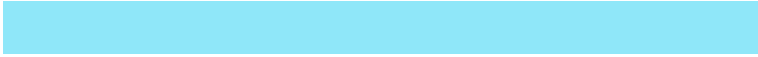
100, 2.905,
109.934

■ 77, 42.820,
229.657

Harmonies

Complementary

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



87, 27.776, 217.819



75, 38.271, 36.820

Rectangle

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



87, 27.776, 217.819



87, 27.776, 267.819



87, 27.776, 37.819



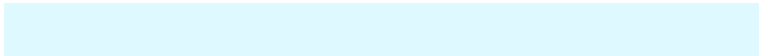
87, 27.776, 87.819

Sweetspot

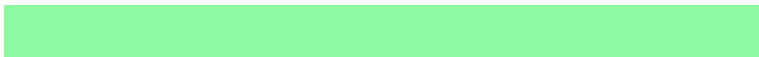
The Sweet Spot groups the original color and five complimentary colors.



87, 27.776, 217.816



96, 9.666, 216.320



90, 58.846, 145.823



51, 6.721, 216.370



0, 0.000, 0.000



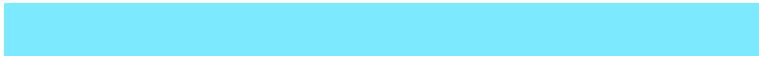
53, 0.007, 296.813

Same Dimension

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



87, 27.776, 217.816



87, 32.449, 218.662



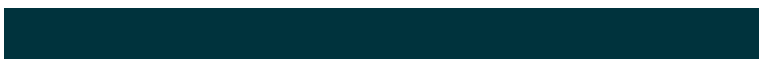
73, 39.272, 278.526



51, 4.198, 216.265



60, 34.730, 229.022



19, 15.730, 224.368

Inverse Universe

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



73, 58.713, 332.212



71, 70.536, 332.789



87, 39.536, 85.494



49, 7.921, 330.050



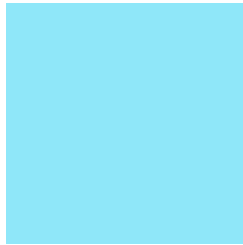
43, 80.710, 336.389



11, 37.120, 335.189

Previews

White Background



This preview shows how the CIE LCh color 87, 27.776, 217.819 looks on a white background.

Color Contrast Check

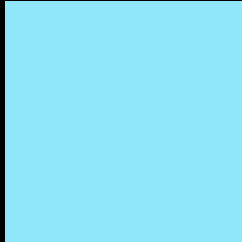
Large Text (above 18pt) WCAG AA × Fail

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, 27.776, 217.819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

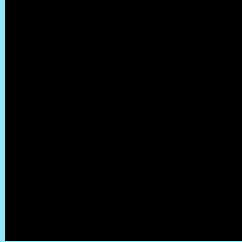
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 27.776, 217.819

Background



This preview shows how black text looks on a background with the CIELCh color 87, 27.776, 217.819.




This preview shows how white text looks on a background with the CIELCh color 87, 27.776, 217.819.

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](#).

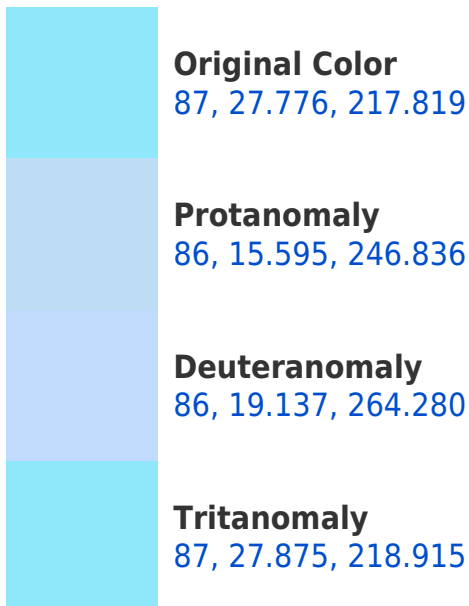
Dichromacy





Tritanopia
87, 27.875, 218.915

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 27.776, 217.819 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(143, 231, 249)` looks like.

```
.text, #text, p{  
    color:rgb(143, 231, 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(143, 231, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 231, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 27.776, 217.819 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(143, 231, 249) }
```

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

```
.border{ border-color:rgb(143, 231, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 231, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 231, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 231, 249);  
box-shadow:4px 4px 4px 4px rgb(143, 231,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 27.776, 217.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 231, 249) }
```

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

```
.background{ background-color: rgb(143,  
231, 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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