

Converting Colors

CIELCh(84, 27.117, 241.139)

Have a look what the booklet for
CIELCh(84, 27.117, 241.139)
contains.

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Color

CIELCh(84, 27.018, 240.249)

Conversions

Conversions Part 1

Format	Color
Hex	95DBFD
RGB	149, 219, 253
RGB Percent	58%, 86%, 99%
CMY	0.4161, 0.1416, 0.0083
CMYK	0.41, 0.13, 0.00, 0.01
HSL	200°, 96%, 79%
HSV	200°, 41%, 99%
XYZ	55.3854, 64.0658, 102.2769
YIQ	201.9460, -52.6340, -4.2660

Conversions

Conversions Part 2

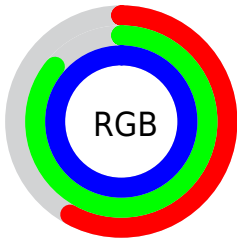
Format	Color
RYB	149, 191, 253
Decimal	9821181
CIELab	84.00, -13.41, -23.46
CIELCh	84, 27.018, 240.249
Yxy	64.0658, 0.2498, 0.2889
Android (android.graphics.Color)	4288011261 (0xFF95DBFD)
YUV	201.9460, 25.1696, -46.4336
Hunter-Lab	80.0411, -16.5568, -19.7323

Details

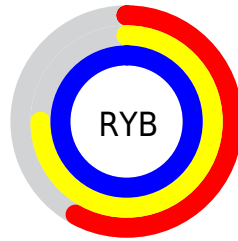
The CIELCh color **84, 27.018, 240.249** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80, 34.624, 52.089**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.940, 198.446**, and **64, 26.987, 239.860** is the 20% darker color. If you saturate the color by 10%, you get **81, 32.427, 242.477**, and if you desaturate by 10%, it is **88, 21.077, 238.468**.

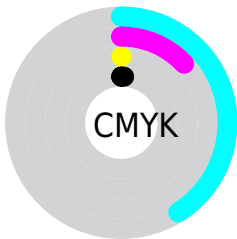
Distribution



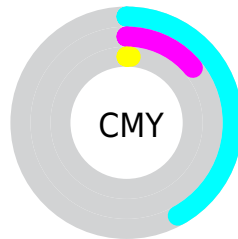
- Red (58%)
- Green (86%)
- Blue (99%)



- Red (58%)
- Yellow (75%)
- Blue (99%)



- Cyan (41%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (42%)
- Magenta (14%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 27.018, 240.249 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 84, 27.018, 240.249 by changing the saturation by 10% instead.

■ 84, 27.018,
240.249

■ 84, 27.018,
240.249

■ 100, 27.018,
240.249

■ 74, 27.018,
240.249

■ 64, 27.018,
240.249

■ 54, 27.018,
240.249

■ 44, 27.018,
240.249

■ 34, 27.018,
240.249

■ 24, 27.018,
240.249

■ 14, 27.018,

240.249

■ 4, 27.018, 240.249

■ 0, 27.018, 240.249

■ 84, 27.018,
240.249

■ 84, 27.018,
240.249

■ 81, 32.427,
242.477

■ 88, 21.077,
238.468

■ 77, 37.259,
245.250

■ 91, 14.677,
237.057

■ 74, 41.508,
248.649

■ 95, 7.899, 235.959

■ 71, 45.238,
252.731

■ 99, 0.817, 235.699

100, 1.062,
110.026

■ 69, 48.596,

257.474

■ 66, 51.477,
262.052

Harmonies

Complementary

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



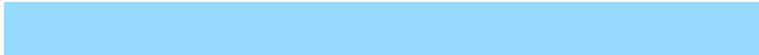
84, 27.018, 240.249



80, 34.624, 52.089

Rectangle

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



84, 27.018, 240.249



84, 27.018, 290.249



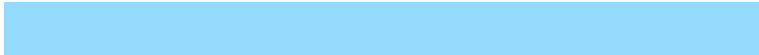
84, 27.018, 60.249



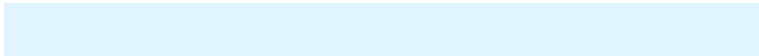
84, 27.018, 110.249

Sweetspot

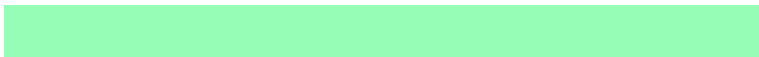
The Sweet Spot groups the original color and five complimentary colors.



84, 27.017, 240.247



95, 8.563, 236.044



92, 51.475, 151.252



50, 5.665, 236.174



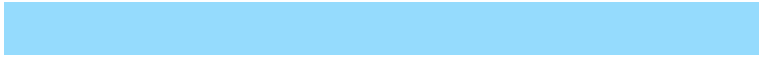
0, 0.000, 0.000



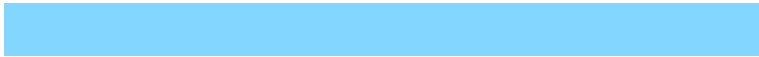
53, 0.007, 296.813

Same Dimension

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



84, 27.017, 240.247



82, 31.535, 241.966



70, 46.537, 287.785



51, 4.077, 235.812



51, 41.315, 261.098



16, 17.821, 253.897

Inverse Universe

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



74, 51.795, 338.654



71, 61.367, 339.423



92, 43.826, 96.550



50, 7.201, 336.032



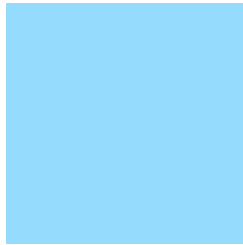
42, 73.095, 346.976



11, 34.464, 344.029

Previews

White Background



This preview shows how the CIE LCh color 84, 27.018, 240.249 looks on a white background.

Color Contrast Check

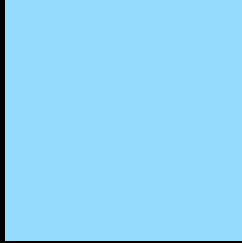
Large Text (above 18pt) WCAG AA × Fail

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 84, 27.018, 240.249 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 84, 27.018, 240.249

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.018, 240.249.

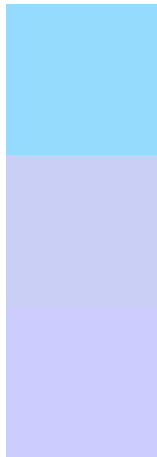


This preview shows how white text looks on a background with the CIELCh color 84, 27.018, 240.249.

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

84, 27.018, 240.249

Protanopia

84, 20.119, 286.190

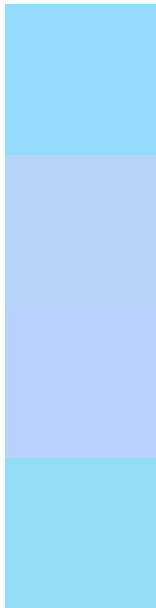
Deuteranopia

84, 26.973, 293.155



Tritanopia
84, 24.953, 220.514

Trichromacy



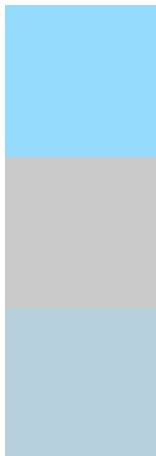
Original Color
84, 27.018, 240.249

Protanomaly
84, 21.351, 265.857

Deuteranomaly
83, 24.714, 274.134

Tritanomaly
84, 25.437, 228.186

Monochromacy



Original Color
84, 27.018, 240.249

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 10.839, 238.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.018, 240.249 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(149, 219, 253)` looks like.

```
.text, #text, p{  
    color:rgb(149, 219, 253)  
}
```

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(149, 219, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 219, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.018, 240.249 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(149, 219, 253) }
```

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

```
.border{ border-color:rgb(149, 219, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 219, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 219, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 219, 253); box-shadow:4px 4px 4px 4px rgb(149, 219, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.018, 240.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 219, 253) }
```

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

```
.background{ background-color: rgb(149,  
219, 253) }
```

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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