

Converting Colors

CIELCh(84, 26.887, 243.891)

Have a look what the booklet for
CIELCh(84, 26.887, 243.891)
contains.

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Color

CIELCh(84, 26.878, 243.751)

Conversions

Conversions Part 1

Format	Color
Hex	98DAFE
RGB	152, 218, 254
RGB Percent	60%, 85%, 100%
CMY	0.4034, 0.1446, 0.0034
CMYK	0.40, 0.14, 0.00, 0.00
HSL	201°, 98%, 80%
HSV	201°, 40%, 100%
XYZ	55.9922, 64.0658, 103.2979
YIQ	202.3700, -50.8920, -2.7960

Conversions

Conversions Part 2

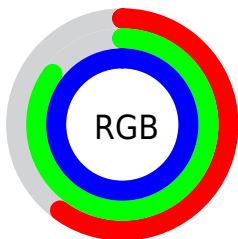
Format	Color
RYB	152, 192, 254
Decimal	10017534
CIELab	84.00, -11.89, -24.11
CIELCh	84, 26.878, 243.751
Yxy	64.0658, 0.2507, 0.2868
Android (android.graphics.Color)	4288207614 (0xFF98DAFE)
YUV	202.3700, 25.4536, -44.1745
Hunter-Lab	80.0411, -15.2034, -20.4886

Details

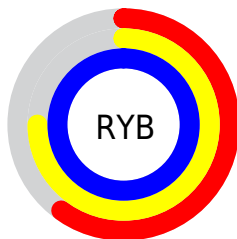
The CIELCh color **84, 26.878, 243.751** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **82, 33.647, 54.889**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.314, 198.486**, and **64, 26.759, 243.774** is the 20% darker color. If you saturate the color by 10%, you get **80, 32.557, 246.072**, and if you desaturate by 10%, it is **88, 20.725, 241.878**.

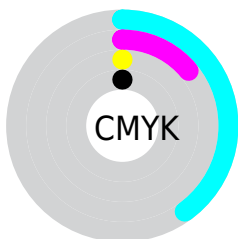
Distribution



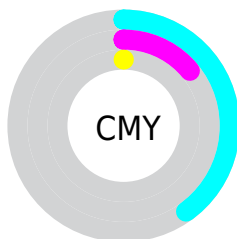
- Red (60%)
- Green (85%)
- Blue (100%)



- Red (60%)
- Yellow (75%)
- Blue (100%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (14%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 26.878, 243.751 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, 26.878, 243.751 by changing the saturation by 10% instead.


 84, 26.878,
243.751


 84, 26.878,
243.751


 100, 26.878,
243.751


 74, 26.878,
243.751

 64, 26.878,
243.751

 54, 26.878,
243.751

 44, 26.878,
243.751

 34, 26.878,
243.751

 24, 26.878,
243.751

 14, 26.878,

243.751

■ 4, 26.878, 243.751

■ 0, 26.878, 243.751

■ 84, 26.878,
243.751

■ 84, 26.878,
243.751

■ 80, 32.557,
246.072

■ 88, 20.725,
241.878

■ 77, 37.723,
248.934

■ 92, 14.165,
240.381

■ 74, 42.378,
252.414

■ 96, 7.269, 239.202

■ 70, 46.588,
256.556

■ 100, 0.105,
243.554

■ 68, 50.498,

■ 100, 0.424,
109.964

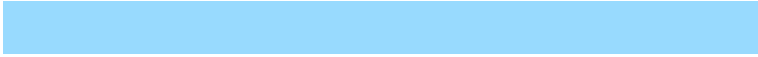
261.327

■ 65, 54.298,
266.424

Harmonies

Complementary

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



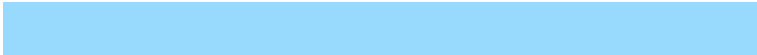
84, 26.878, 243.751



82, 33.647, 54.889

Rectangle

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



84, 26.878, 243.751



84, 26.878, 293.751



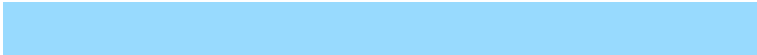
84, 26.878, 63.751



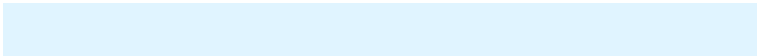
84, 26.878, 113.751

Sweetspot

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



84, 26.877, 243.749



95, 8.600, 239.398



92, 49.180, 152.705



50, 5.691, 239.542



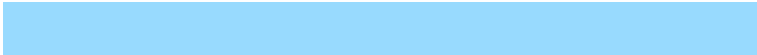
0, 0.000, 0.000



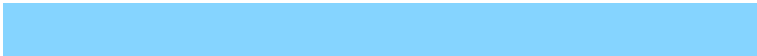
53, 0.007, 296.813

Same Dimension

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



84, 26.877, 243.749



81, 31.471, 245.535



71, 47.424, 289.297



51, 4.093, 239.139



50, 43.341, 265.458



15, 18.479, 258.190

Inverse Universe

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



75, 49.950, 339.801



71, 59.241, 340.606



94, 44.272, 98.689



50, 7.068, 337.165



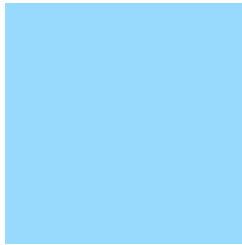
42, 72.017, 349.041



11, 33.963, 345.724

Previews

White Background



This preview shows how the CIELCh color 84, 26.878, 243.751 looks on a white background.

Color Contrast Check

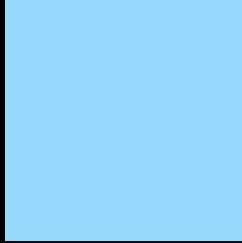
Large Text (above 18pt) WCAG AA × Fail

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, 26.878, 243.751 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

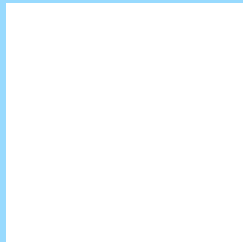
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 26.878, 243.751

Background



This preview shows how black text looks on a background with the CIELCh color 84, 26.878, 243.751.

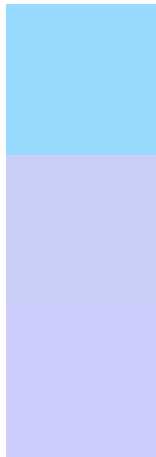


This preview shows how white text looks on a background with the CIELCh color 84, 26.878, 243.751.

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, 26.878, 243.751

Protanopia

84, 20.643, 286.391

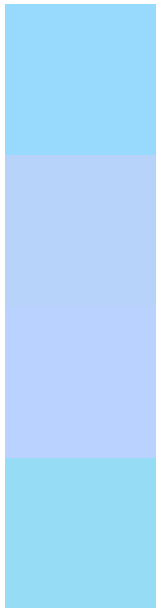
Deuteranopia

84, 26.416, 292.410



Tritanopia
84, 24.227, 221.269

Trichromacy



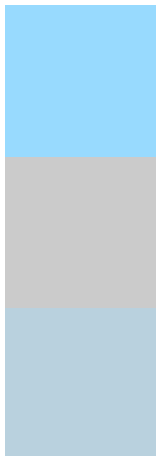
Original Color
84, 26.878, 243.751

Protanomaly
84, 21.697, 267.304

Deuteranomaly
84, 24.694, 274.115

Tritanomaly
84, 24.746, 230.622

Monochromacy



Original Color
84, 26.878, 243.751

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 10.579, 239.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 26.878, 243.751 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(152, 218, 254)` looks like.

```
.text, #text, p{  
    color:rgb(152, 218, 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(152, 218, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 218, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 26.878, 243.751 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(152, 218, 254) }
```

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

```
.border{ border-color:rgb(152, 218, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 218, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 218, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 218, 254);  
box-shadow:4px 4px 4px 4px rgb(152, 218,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 26.878, 243.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 218, 254) }
```

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

```
.background{ background-color: rgb(152,  
218, 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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