

Converting Colors

CIELCh(84, 26.262, 264.659)

Have a look what the booklet for
CIELCh(84, 26.262, 264.659)
contains.

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Color

CIELCh(84, 24.864, 262.580)

Conversions

Conversions Part 1

Format	Color
Hex	AED5FF
RGB	174, 213, 255
RGB Percent	68%, 84%, 100%
CMY	0.3162, 0.1632, 0.0000
CMYK	0.32, 0.16, 0.00, 0.00
HSL	211°, 100%, 84%
HSV	211°, 32%, 100%
XYZ	59.5418, 64.0658, 104.1667
YIQ	206.1270, -36.7260, 4.7940

Conversions

Conversions Part 2

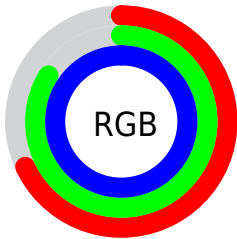
Format	Color
RYB	174, 200, 255
Decimal	11458047
CIELab	84.00, -3.21, -24.66
CIELCh	84, 24.864, 262.580
Yxy	64.0658, 0.2614, 0.2813
Android (android.graphics.Color)	4289648127 (0xFFAED5FF)
YUV	206.1270, 24.0944, -28.1754
Hunter-Lab	80.0411, -7.2874, -21.1321

Details

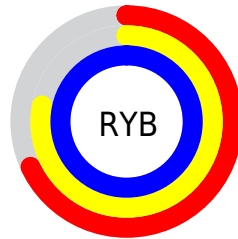
The CIELCh color **84, 24.864, 262.580** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **89, 26.742, 73.113**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.189, 198.968**, and **64, 24.974, 262.953** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.304, 264.597**, and if you desaturate by 10%, it is **89, 16.965, 260.379**.

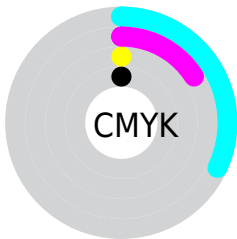
Distribution



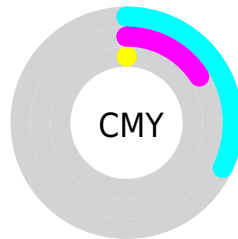
- Red (68%)
- Green (84%)
- Blue (100%)



- Red (68%)
- Yellow (78%)
- Blue (100%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 24.864, 262.580 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, 24.864, 262.580 by changing the saturation by 10% instead.

 84, 24.864,
262.580

 84, 24.864,
262.580

 100, 24.864,
262.580

 74, 24.864,
262.580

 64, 24.864,
262.580

 54, 24.864,
262.580

 44, 24.864,
262.580

 34, 24.864,
262.580

 24, 24.864,
262.580

 14, 24.864,

262.580

■ 4, 24.864, 262.580

■ 0, 24.864, 262.580

■ 84, 24.864,
262.580

■ 84, 24.864,
262.580

■ 79, 32.304,
264.597

■ 89, 16.965,
260.379

■ 74, 39.804,
267.319

■ 94, 9.155, 258.775

■ 69, 47.207,
270.518

■ 99, 1.285, 257.687

100, 0.012,
296.813

■ 65, 54.570,
274.209

■ 61, 61.984,

278.349

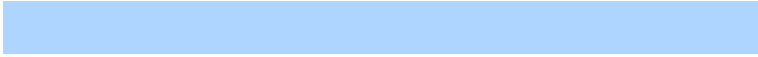
■ 57, 69.560,
282.805

■ 53, 76.110,
286.560

Harmonies

Complementary

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



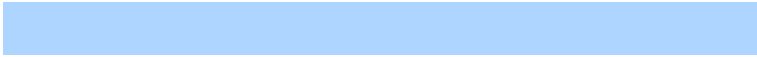
84, 24.864, 262.580



89, 26.742, 73.113

Rectangle

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



84, 24.864, 262.580



84, 24.864, 312.580



84, 24.864, 82.580



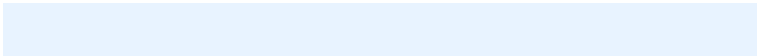
84, 24.864, 132.580

Sweetspot

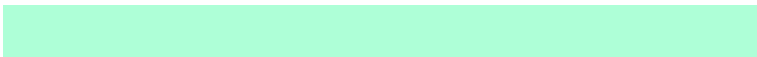
The Sweet Spot groups the original color and five complimentary colors.



84, 24.689, 262.303



95, 7.101, 258.407



94, 34.735, 160.649



50, 4.931, 258.609



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, 24.689, 262.303



81, 29.564, 263.721



74, 43.701, 294.180



50, 4.485, 258.476



40, 60.227, 285.739



12, 24.439, 279.314

Inverse Universe

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



80, 35.780, 347.603



76, 43.006, 348.394



98, 40.400, 107.094



50, 6.314, 345.303



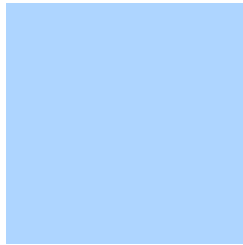
41, 68.104, 3.667



10, 31.725, 357.817

Previews

White Background



This preview shows how the CIE LCh color 84, 24.864, 262.580 looks on a white background.

Color Contrast Check

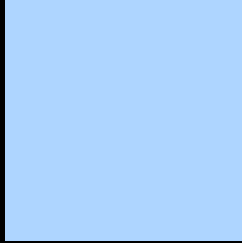
Large Text (above 18pt) WCAG AA × Fail

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, 24.864, 262.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

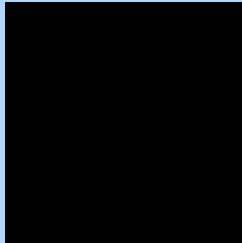
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

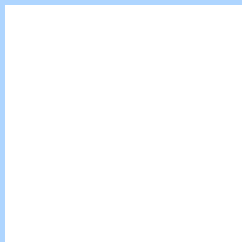
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 24.864, 262.580

Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.864, 262.580.



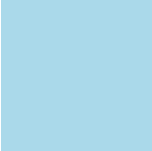
This preview shows how white text looks on a background with the CIELCh color 84, 24.864, 262.580.

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](#).

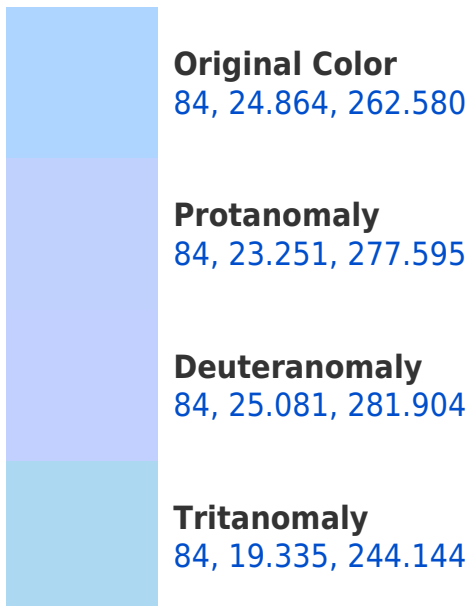
Dichromacy



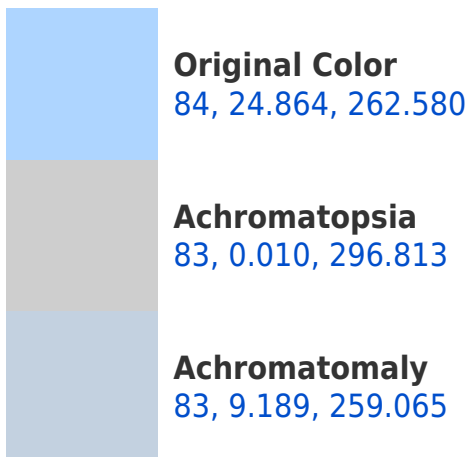


Tritanopia
84, 17.507, 229.498

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 24.864, 262.580 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(174, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 213, 255)  
}
```

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(174, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 213, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.864, 262.580 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(174, 213, 255) }
```

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

```
.border{ border-color:rgb(174, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 213,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.864, 262.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 213, 255) }
```

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

```
.background{ background-color: rgb(174,  
213, 255) }
```

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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