

Converting Colors

CIELCh(84, 26.663, 266.264)

Have a look what the booklet for
CIELCh(84, 26.663, 266.264)
contains.

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Color

CIELCh(84, 24.733, 263.188)

Conversions

Conversions Part 1

Format	Color
Hex	AFD5FF
RGB	175, 213, 255
RGB Percent	69%, 84%, 100%
CMY	0.3129, 0.1639, 0.0000
CMYK	0.31, 0.16, 0.00, 0.00
HSL	211°, 100%, 84%
HSV	211°, 31%, 100%
XYZ	59.6577, 64.0658, 104.0123
YIQ	206.4260, -36.1300, 5.0060

Conversions

Conversions Part 2

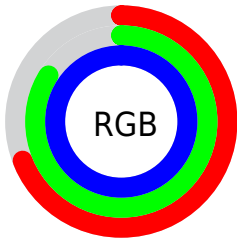
Format	Color
RYB	175, 201, 255
Decimal	11523583
CIELab	84.00, -2.93, -24.56
CIELCh	84, 24.733, 263.188
Yxy	64.0658, 0.2620, 0.2813
Android (android.graphics.Color)	4289713663 (0xFFAFD5FF)
YUV	206.4260, 23.9470, -27.5606
Hunter-Lab	80.0411, -7.0290, -21.0178

Details

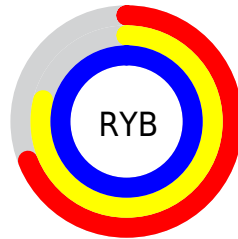
The CIELCh color `84, 24.733, 263.188` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `89, 26.550, 73.917`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 7.855, 198.993`, and `64, 24.849, 263.544` is the 20% darker color. If you saturate the color by 10%, you get `79, 32.343, 265.317`, and if you desaturate by 10%, it is `89, 16.833, 261.120`.

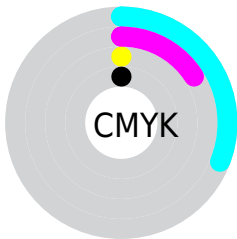
Distribution



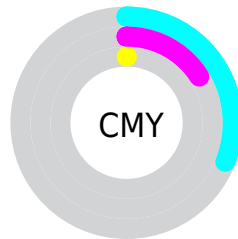
- Red (69%)
- Green (84%)
- Blue (100%)



- Red (69%)
- Yellow (79%)
- Blue (100%)



- Cyan (31%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 24.733, 263.188 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, 24.733, 263.188 by changing the saturation by 10% instead.

■ 84, 24.733,
263.188

■ 84, 24.733,
263.188

■ 100, 24.733,
263.188

■ 74, 24.733,
263.188

■ 64, 24.733,
263.188

■ 54, 24.733,
263.188

■ 44, 24.733,
263.188

■ 34, 24.733,
263.188

■ 24, 24.733,
263.188

■ 14, 24.733,

263.188

■ 4, 24.733, 263.188

■ 0, 24.733, 263.188

■ 84, 24.733,
263.188

■ 84, 24.733,
263.188

■ 79, 32.343,
265.317

■ 89, 16.833,
261.120

■ 74, 39.952,
268.022

■ 94, 8.957, 259.521

■ 69, 47.482,
271.197

■ 99, 1.033, 258.509

■ 100, 0.012,
296.813

■ 65, 54.987,
274.859

■ 60, 62.559,

278.962

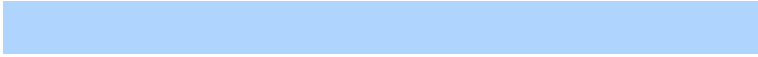
■ 56, 70.302,
283.375

■ 53, 77.255,
287.239

Harmonies

Complementary

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



84, 24.733, 263.188



89, 26.550, 73.917

Rectangle

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



84, 24.733, 263.188



84, 24.733, 313.188



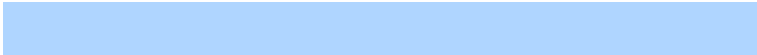
84, 24.733, 83.188



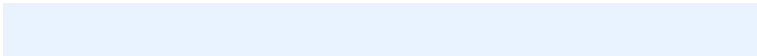
84, 24.733, 133.188

Sweetspot

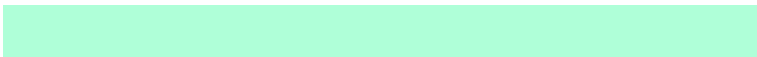
The Sweet Spot groups the original color and five complimentary colors.



84, 24.635, 263.036



95, 7.146, 259.199



94, 33.935, 161.564



50, 4.963, 259.401



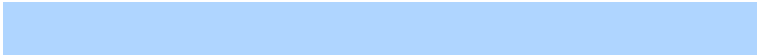
0, 0.000, 0.000



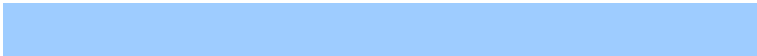
53, 0.007, 296.813

Same Dimension

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



84, 24.635, 263.036



81, 29.818, 264.523



74, 43.224, 294.660



50, 4.514, 259.268



40, 61.125, 286.427



11, 24.771, 280.063

Inverse Universe

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



80, 35.254, 348.006



76, 42.829, 348.844



98, 39.998, 107.865



50, 6.283, 345.722



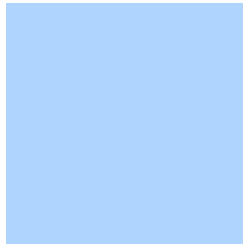
41, 68.058, 4.390



10, 31.665, 358.425

Previews

White Background



This preview shows how the CIE LCh color 84, 24.733, 263.188 looks on a white background.

Color Contrast Check

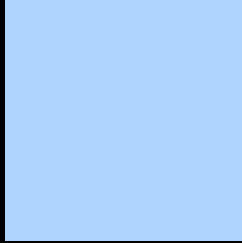
Large Text (above 18pt) WCAG AA × Fail

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, 24.733, 263.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

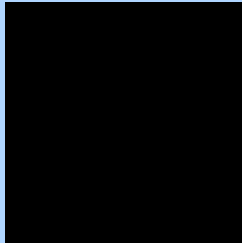
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

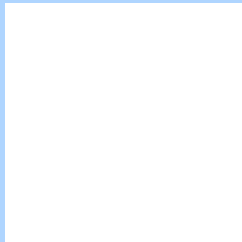
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 24.733, 263.188

Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.733, 263.188.



This preview shows how white text looks on a background with the CIELCh color 84, 24.733, 263.188.

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

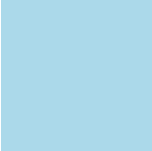
84, 24.733, 263.188

Protanopia

84, 23.285, 286.488

Deuteranopia

84, 26.416, 292.410



Tritanopia
84, 17.249, 230.026

Trichromacy



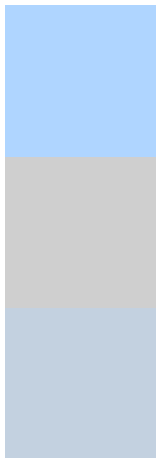
Original Color
84, 24.733, 263.188

Protanomaly
84, 23.251, 277.595

Deuteranomaly
84, 25.081, 281.904

Tritanomaly
84, 19.127, 244.788

Monochromacy



Original Color
84, 24.733, 263.188

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 9.189, 259.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 24.733, 263.188 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(175, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 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(175, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 213, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.733, 263.188 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(175, 213, 255) }
```

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

```
.border{ border-color:rgb(175, 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(175, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 213,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.733, 263.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 213, 255) }
```

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

```
.background{ background-color: rgb(175,  
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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