

Converting Colors

CIELCh(84, 24.861, 268.908)

Have a look what the booklet for
CIELCh(84, 24.861, 268.908)
contains.

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Color

CIELCh(84, 24.370, 268.307)

Conversions

Conversions Part 1

Format	Color
Hex	B5D4FF
RGB	181, 212, 255
RGB Percent	71%, 83%, 100%
CMY	0.2906, 0.1690, 0.0004
CMYK	0.29, 0.17, 0.00, 0.00
HSL	215°, 100%, 85%
HSV	215°, 29%, 100%
XYZ	60.5880, 64.0658, 103.6973
YIQ	207.6330, -32.2790, 6.8010

Conversions

Conversions Part 2

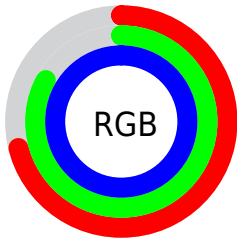
Format	Color
R_{YB}	181, 203, 255
Decimal	11916543
CIE _{Lab}	84.00, -0.72, -24.36
CIE _{LCh}	84, 24.370, 268.307
Yxy	64.0658, 0.2653, 0.2806
Android (android.graphics.Color)	4290106623 (0xFFB5D4FF)
YUV	207.6330, 23.3519, -23.3571
Hunter-Lab	80.0411, -4.9544, -20.7845

Details

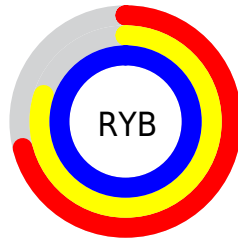
The CIELCh color **84, 24.370, 268.307** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **91, 25.404, 79.823**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.840, 199.149**, and **64, 24.135, 267.289** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.798, 270.481**, and if you desaturate by 10%, it is **89, 15.953, 266.464**.

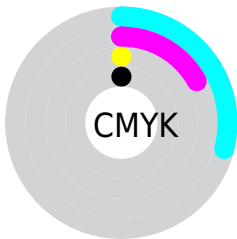
Distribution



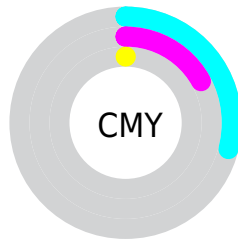
- Red (71%)
- Green (83%)
- Blue (100%)



- Red (71%)
- Yellow (80%)
- Blue (100%)



- Cyan (29%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (17%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 24.370, 268.307 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, 24.370, 268.307 by changing the saturation by 10% instead.

 84, 24.370,
268.307

 84, 24.370,
268.307


 100, 24.370,
268.307

 74, 24.370,
268.307

 64, 24.370,
268.307

 54, 24.370,
268.307

 44, 24.370,
268.307

 34, 24.370,
268.307

 24, 24.370,
268.307

 14, 24.370,

268.307

■ 4, 24.370, 268.307

■ 0, 24.370, 268.307

■ 84, 24.370,
268.307

■ 84, 24.370,
268.307

■ 79, 32.798,
270.481

■ 89, 15.953,
266.464

■ 73, 41.247,
273.044

■ 95, 7.559, 264.919

■ 68, 49.741,
276.033

100, 0.038,
108.126

■ 63, 58.333,
279.463

■ 58, 67.093,

283.288

■ 54, 76.082,
287.386

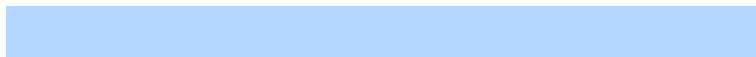
■ 50, 85.294,
291.511

■ 49, 86.201,
291.887

Harmonies

Complementary

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



84, 24.370, 268.307



91, 25.404, 79.823

Rectangle

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



84, 24.370, 268.307



84, 24.370, 318.307



84, 24.370, 88.307



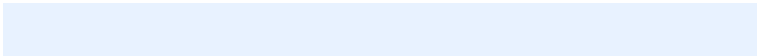
84, 24.370, 138.307

Sweetspot

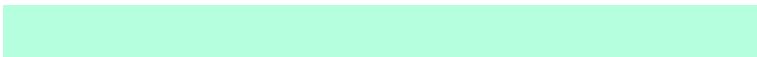
The Sweet Spot groups the original color and five complimentary colors.



84, 24.369, 268.305



95, 7.538, 264.915



95, 30.333, 164.595



50, 5.239, 265.121



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, 24.369, 268.305



81, 29.410, 269.561



76, 39.930, 295.962



50, 4.762, 264.986



37, 68.183, 291.147



10, 27.432, 285.266

Inverse Universe

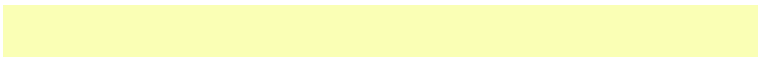
The Inverse Universe completely reimagines the original color for something new.



81, 31.640, 351.226



78, 38.278, 352.005



98, 37.212, 110.267



50, 6.058, 349.072



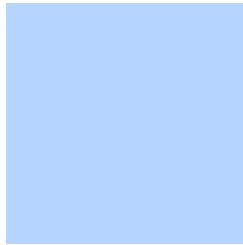
41, 68.134, 9.963



10, 31.349, 3.183

Previews

White Background



This preview shows how the CIELCh color 84, 24.370, 268.307 looks on a white background.

Color Contrast Check

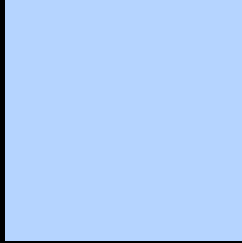
Large Text (above 18pt) WCAG AA × Fail

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, 24.370, 268.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

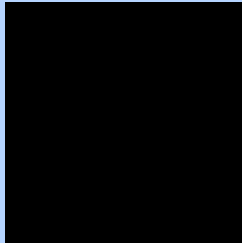
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

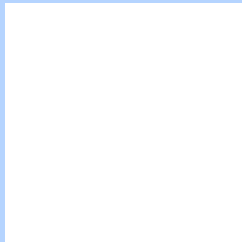
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 24.370, 268.307

Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.370, 268.307.



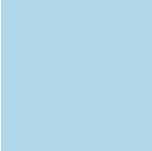
This preview shows how white text looks on a background with the CIELCh color 84, 24.370, 268.307.

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, 15.724, 233.605

Trichromacy



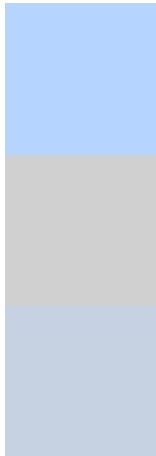
Original Color
84, 24.370, 268.307

Protanomaly
84, 23.691, 278.730

Deuteranomaly
84, 24.953, 284.063

Tritanomaly
84, 17.925, 249.028

Monochromacy



Original Color
84, 24.370, 268.307

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 9.191, 266.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 24.370, 268.307 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(181, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 212, 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(181, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 212, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.370, 268.307 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(181, 212, 255) }
```

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

```
.border{ border-color:rgb(181, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 212,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.370, 268.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 212, 255) }
```

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

```
.background{ background-color: rgb(181,  
212, 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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