

Converting Colors

CIELCh(84, 22.989, 253.284)

Have a look what the booklet for
CIELCh(84, 22.989, 253.284)
contains.

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Color

CIELCh(84, 22.807, 253.247)

Conversions

Conversions Part 1

Format	Color
Hex	AAD7FA
RGB	170, 215, 250
RGB Percent	67%, 84%, 98%
CMY	0.3332, 0.1568, 0.0195
CMYK	0.32, 0.14, 0.00, 0.02
HSL	206°, 89%, 82%
HSV	206°, 32%, 98%
XYZ	58.1487, 64.0658, 99.7635
YIQ	205.5350, -38.0550, 1.3450

Conversions

Conversions Part 2

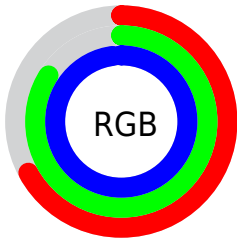
Format	Color
R_{YB}	170, 199, 250
Decimal	11196410
CIE _{Lab}	84.00, -6.57, -21.84
CIE _{LCh}	84, 22.807, 253.247
Yxy	64.0658, 0.2620, 0.2886
Android (android.graphics.Color)	4289386490 (0xFFAAD7FA)
YUV	205.5350, 21.9212, -31.1642
Hunter-Lab	80.0411, -10.3942, -17.8705

Details

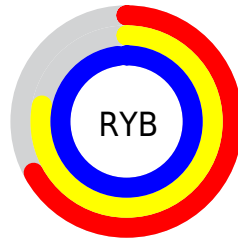
The CIELCh color `84, 22.807, 253.247` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `85, 25.875, 64.758`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 9.514, 198.874`, and `64, 22.765, 253.113` is the 20% darker color. If you saturate the color by 10%, you get `80, 29.459, 255.469`, and if you desaturate by 10%, it is `88, 15.896, 251.410`.

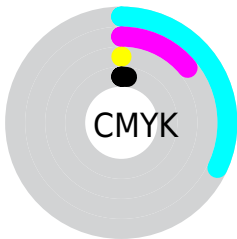
Distribution



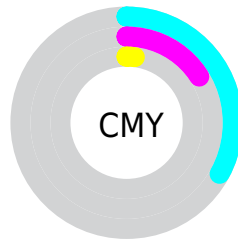
- Red (67%)
- Green (84%)
- Blue (98%)



- Red (67%)
- Yellow (78%)
- Blue (98%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (33%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 22.807, 253.247 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, 22.807, 253.247 by changing the saturation by 10% instead.

 84, 22.807,
253.247

 84, 22.807,
253.247


 100, 22.807,
253.247


 74, 22.807,
253.247

 64, 22.807,
253.247

 54, 22.807,
253.247

 44, 22.807,
253.247

 34, 22.807,
253.247

 24, 22.807,
253.247

 14, 22.807,

253.247

■ 4, 22.807, 253.247

■ 0, 22.807, 253.247

■ 84, 22.807,
253.247

■ 84, 22.807,
253.247

■ 80, 29.459,
255.469

■ 88, 15.896,
251.410

■ 76, 35.824,
258.156

■ 93, 8.771, 249.909

■ 71, 41.899,
261.371

■ 97, 1.479, 248.917

■ 68, 47.723,
265.154

■ 100, 2.512,
109.960

■ 64, 53.393,

269.490

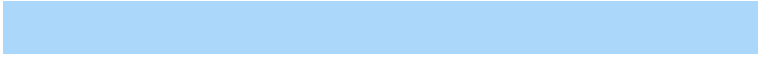
■ 60, 59.056,
274.270

■ 58, 63.716,
278.199

Harmonies

Complementary

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



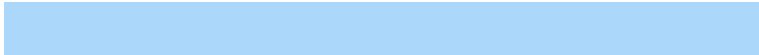
84, 22.807, 253.247



85, 25.875, 64.758

Rectangle

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



84, 22.807, 253.247



84, 22.807, 303.247



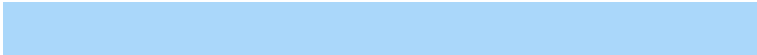
84, 22.807, 73.247



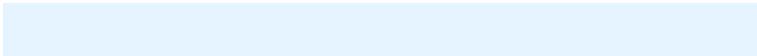
84, 22.807, 123.247

Sweetspot

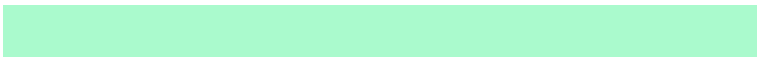
The Sweet Spot groups the original color and five complimentary colors.



84, 22.806, 253.244



95, 7.446, 249.649



92, 36.467, 157.311



50, 5.072, 249.832



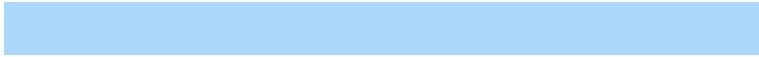
0, 0.000, 0.000



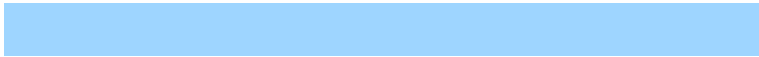
53, 0.007, 296.813

Same Dimension

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



84, 22.806, 253.244



83, 27.264, 254.538



74, 40.477, 291.600



50, 4.166, 249.584



44, 50.781, 277.292



13, 20.544, 269.921

Inverse Universe

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



78, 37.381, 343.251



76, 45.029, 343.906



95, 37.799, 104.040



49, 6.551, 341.142



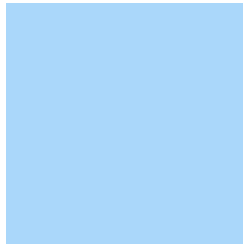
41, 68.649, 356.259



10, 31.780, 351.442

Previews

White Background



This preview shows how the CIELCh color 84, 22.807, 253.247 looks on a white background.

Color Contrast Check

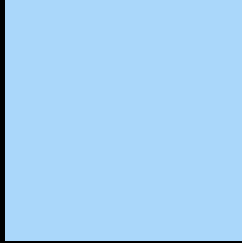
Large Text (above 18pt) WCAG AA × Fail

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, 22.807, 253.247 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

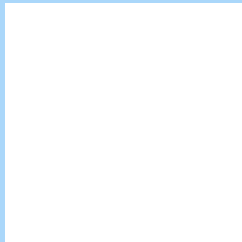
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 22.807, 253.247

Background



This preview shows how black text looks on a background with the CIELCh color 84, 22.807, 253.247.

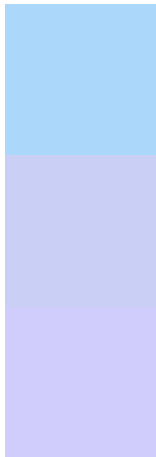


This preview shows how white text looks on a background with the CIELCh color 84, 22.807, 253.247.

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, 22.807, 253.247

Protanopia

84, 20.096, 287.129

Deuteranopia

84, 25.438, 295.302



Tritanopia
84, 18.531, 227.534

Trichromacy



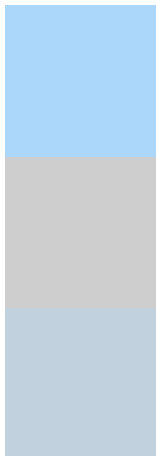
Original Color
84, 22.807, 253.247

Protanomaly
84, 20.392, 273.135

Deuteranomaly
84, 23.023, 280.689

Tritanomaly
84, 19.502, 237.254

Monochromacy



Original Color
84, 22.807, 253.247

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 8.724, 251.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 22.807, 253.247 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(170, 215, 250)` looks like.

```
.text, #text, p{  
    color:rgb(170, 215, 250)  
}
```

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(170, 215, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 215, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 22.807, 253.247 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(170, 215, 250) }
```

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

```
.border{ border-color:rgb(170, 215, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 215, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 215, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 215, 250);  
box-shadow:4px 4px 4px 4px rgb(170, 215,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 22.807, 253.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 215, 250) }
```

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

```
.background{ background-color: rgb(170,  
215, 250) }
```

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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