

Converting Colors

CIELCh(84, 20.937, 243.915)

Have a look what the booklet for
CIELCh(84, 20.937, 243.915)
contains.

CIELCh(84, 20.824, 244.129)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(84, 20.824, 244.129)

Conversions

Conversions Part 1

Format	Color
Hex	A8D8F4
RGB	168, 216, 244
RGB Percent	66%, 85%, 96%
CMY	0.3406, 0.1524, 0.0426
CMYK	0.31, 0.11, 0.00, 0.04
HSL	202°, 78%, 81%
HSV	202°, 31%, 96%
XYZ	57.1222, 64.0658, 95.0601
YIQ	204.8400, -37.5960, -1.4680

Conversions

Conversions Part 2

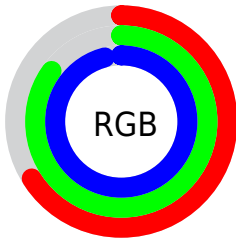
Format	Color
R _Y B	168, 197, 244
Decimal	11065588
CIE Lab	84.00, -9.09, -18.74
CIE LCh	84, 20.824, 244.129
Yxy	64.0658, 0.2642, 0.2963
Android (android.graphics.Color)	4289255668 (0xFFA8D8F4)
YUV	204.8400, 19.3059, -32.3087
Hunter-Lab	80.0411, -12.6834, -14.3865

Details

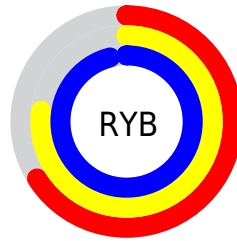
The CIELCh color **84, 20.824, 244.129** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **83, 24.425, 57.247**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.172, 198.828**, and **64, 20.857, 245.097** is the 20% darker color. If you saturate the color by 10%, you get **80, 26.834, 246.097**, and if you desaturate by 10%, it is **88, 14.439, 242.535**.

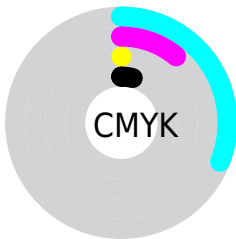
Distribution



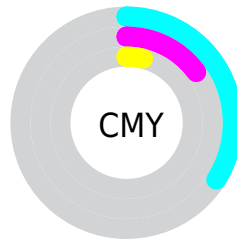
- Red (66%)
- Green (85%)
- Blue (96%)



- Red (66%)
- Yellow (77%)
- Blue (96%)



- Cyan (31%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (34%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 20.824, 244.129 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, 20.824, 244.129 by changing the saturation by 10% instead.

■ 84, 20.824,
244.129

■ 84, 20.824,
244.129

■ 100, 20.824,
244.129

■ 74, 20.824,
244.129

■ 64, 20.824,
244.129

■ 54, 20.824,
244.129

■ 44, 20.824,
244.129

■ 34, 20.824,
244.129

■ 24, 20.824,
244.129

■ 14, 20.824,

244.129

■ 4, 20.824, 244.129

■ 0, 20.824, 244.129

■ 84, 20.824,
244.129

■ 84, 20.824,
244.129

■ 80, 26.834,
246.097

■ 88, 14.439,
242.535

■ 77, 32.417,
248.530

■ 92, 7.744, 241.269

■ 73, 37.540,
251.508

■ 96, 0.804, 240.816

■ 70, 42.217,
255.101

■ 99, 4.159, 95.660

■ 100, 5.491,
109.753

■ 67, 46.521,

259.338

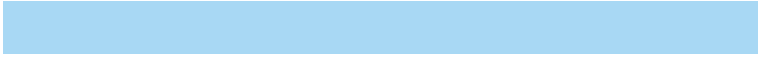
■ 64, 50.601,
264.167

■ 61, 54.224,
268.723

Harmonies

Complementary

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



84, 20.824, 244.129



83, 24.425, 57.247

Rectangle

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



84, 20.824, 244.129



84, 20.824, 294.129



84, 20.824, 64.129



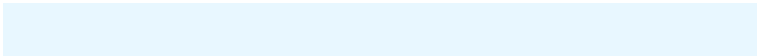
84, 20.824, 114.129

Sweetspot

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



84, 20.823, 244.125



96, 6.509, 241.044



90, 36.702, 154.424



51, 4.512, 241.197



0, 0.000, 0.000



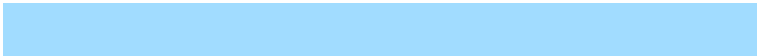
53, 0.007, 296.813

Same Dimension

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



84, 20.823, 244.125



85, 25.271, 245.249



74, 35.720, 288.409



49, 3.974, 241.092



48, 43.701, 267.778



13, 17.760, 259.734

Inverse Universe

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



77, 37.314, 339.683



77, 45.830, 340.247



92, 33.875, 100.684



48, 6.761, 337.854



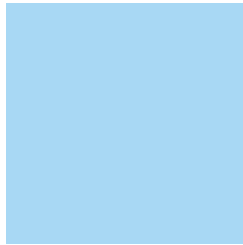
41, 70.032, 350.248



9, 32.000, 346.377

Previews

White Background



This preview shows how the CIE LCh color 84, 20.824, 244.129 looks on a white background.

Color Contrast Check

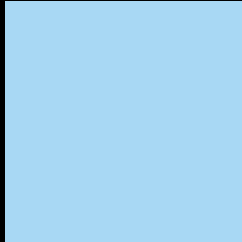
Large Text (above 18pt) WCAG AA × Fail

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, 20.824, 244.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

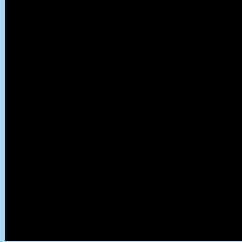
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 20.824, 244.129

Background



This preview shows how black text looks on a background with the CIELCh color 84, 20.824, 244.129.




This preview shows how white text looks on a background with the CIELCh color 84, 20.824, 244.129.

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](#).

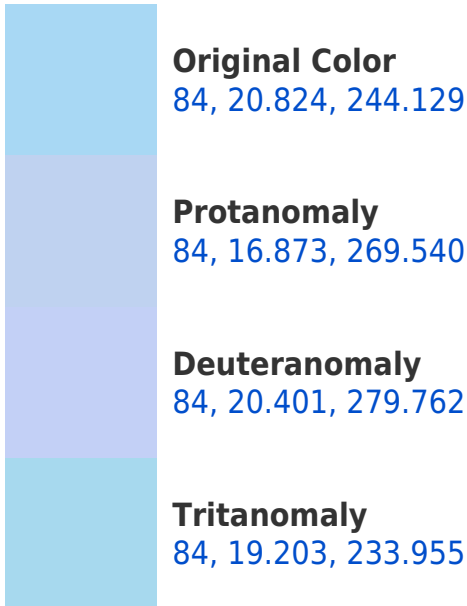
Dichromacy



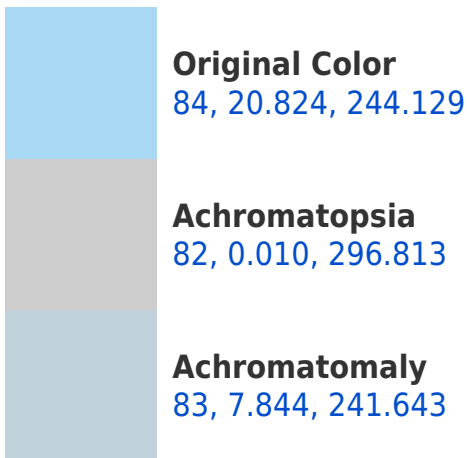


Tritanopia
84, 18.789, 227.083

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 20.824, 244.129 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(168, 216, 244)` looks like.

```
.text, #text, p{  
    color:rgb(168, 216, 244)  
}
```

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(168, 216, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 216, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 20.824, 244.129 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(168, 216, 244) }
```

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

```
.border{ border-color:rgb(168, 216, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 216, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 216, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 216, 244);  
box-shadow:4px 4px 4px 4px rgb(168, 216,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 20.824, 244.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 216, 244) }
```

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

```
.background{ background-color: rgb(168,  
216, 244) }
```

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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