

Converting Colors

CIE LCh(84, 9.838, 239.240)

Have a look what the booklet for
CIELCh(84, 9.838, 239.240) contains.

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Color

CIELCh(84, 9.730, 239.735)

Conversions

Conversions Part 1

Format	Color
Hex	BFD5E1
RGB	191, 213, 225
RGB Percent	75%, 84%, 88%
CMY	0.2512, 0.1649, 0.1178
CMYK	0.15, 0.05, 0.00, 0.12
HSL	201°, 36%, 82%
HSV	201°, 15%, 88%
XYZ	58.8378, 64.0658, 80.4623
YIQ	207.7900, -16.9640, -0.9320

Conversions

Conversions Part 2

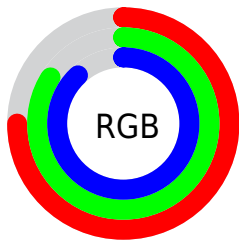
Format	Color
RYB	191, 204, 225
Decimal	12572129
CIELab	84.00, -4.90, -8.40
CIELCh	84, 9.730, 239.735
Yxy	64.0658, 0.2893, 0.3150
Android (android.graphics.Color)	4290762209 (0xFFBFD5E1)
YUV	207.7900, 8.4845, -14.7248
Hunter-Lab	80.0411, -8.8575, -3.5732

Details

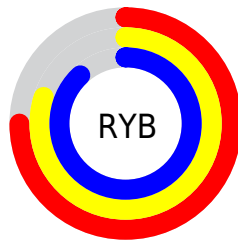
The CIELCh color $84, 9.730, 239.735$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 10.481, 56.777$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 2.426, 199.524$, and $64, 9.907, 241.614$ is the 20% darker color. If you saturate the color by 10%, you get $80, 15.837, 241.045$, and if you desaturate by 10%, it is $88, 3.352, 238.742$.

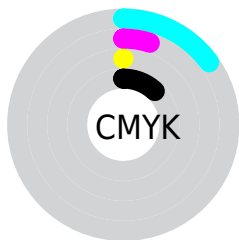
Distribution



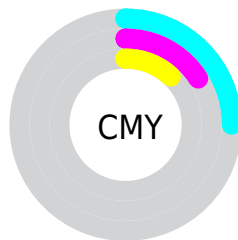
- Red (75%)
- Green (84%)
- Blue (88%)



- Red (75%)
- Yellow (80%)
- Blue (88%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (25%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 9.730, 239.735 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, 9.730, 239.735 by changing the saturation by 10% instead.

■ 84, 9.730, 239.735

■ 84, 9.730, 239.735

■ 100, 9.730,
239.735

■ 74, 9.730, 239.735

■ 64, 9.730, 239.735

■ 54, 9.730, 239.735

■ 44, 9.730, 239.735

■ 34, 9.730, 239.735

■ 24, 9.730, 239.735

■ 14, 9.730, 239.735

■ 4, 9.730, 239.735

■ 0, 9.730, 239.735

84, 9.730, 239.735

84, 9.730, 239.735

80, 15.837,
241.045

88, 3.352, 238.742

77, 21.609,
242.700

91, 3.236, 57.548

74, 26.986,
244.758

95, 8.997, 61.829

70, 31.916,
247.302

97, 10.733, 88.857

67, 36.380,
250.417

99, 14.055,
105.595

64, 40.402,
254.168

99, 15.203,
109.029

62, 44.072,
258.569

59, 47.550,
263.541

■ 58, 49.276,
266.024

Harmonies

Complementary

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



84, 9.730, 239.735



83, 10.481, 56.777

Rectangle

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



84, 9.730, 239.735



84, 9.730, 289.735



84, 9.730, 59.735



84, 9.730, 109.735

Sweetspot

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



84, 9.730, 239.724



98, 3.629, 238.737



87, 16.930, 155.248



52, 2.472, 238.787



0, 0.000, 0.000



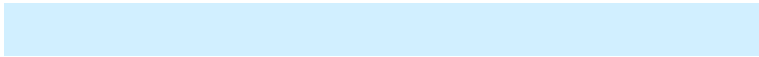
53, 0.007, 296.813

Same Dimension

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



84, 9.730, 239.724



93, 12.753, 240.089



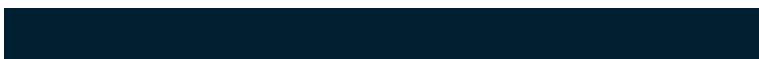
80, 15.483, 285.083



45, 3.686, 239.113



46, 40.568, 265.105



11, 15.096, 255.066

Inverse Universe

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



81, 17.048, 337.595



89, 22.519, 337.836



87, 15.142, 101.581



44, 6.364, 337.150



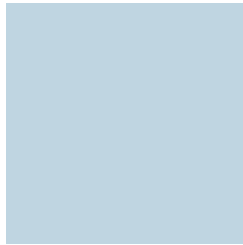
39, 67.771, 348.864



7, 28.443, 344.555

Previews

White Background



This preview shows how the CIELCh color 84, 9.730, 239.735 looks on a white background.

Color Contrast Check

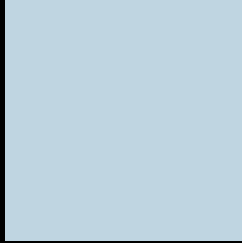
Large Text (above 18pt) WCAG AA × Fail

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, 9.730, 239.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

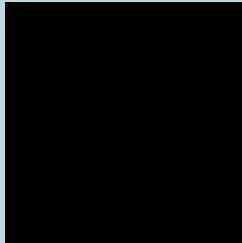
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

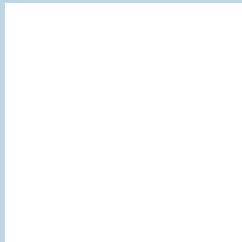
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 9.730, 239.735

Background



This preview shows how black text looks on a background with the CIELCh color 84, 9.730, 239.735.



This preview shows how white text looks on a background with the CIELCh color 84, 9.730, 239.735.

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](#).

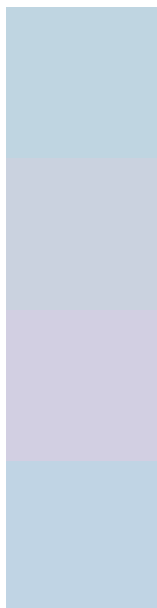
Dichromacy





Tritanopia
84, 11.119, 253.093

Trichromacy



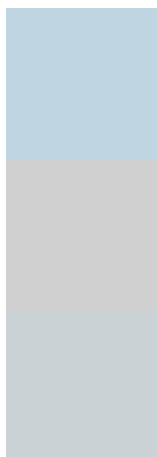
Original Color
84, 9.730, 239.735

Protanomaly
84, 7.354, 268.423

Deuteranomaly
84, 10.108, 297.011

Tritanomaly
84, 10.718, 251.264

Monochromacy



Original Color
84, 9.730, 239.735

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 3.517, 236.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 9.730, 239.735 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(191, 213, 225)` looks like.

```
.text, #text, p{  
    color:rgb(191, 213, 225)  
}
```

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(191, 213, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 213, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 9.730, 239.735 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(191, 213, 225) }
```

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

```
.border{ border-color:rgb(191, 213, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 213, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 213, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 213, 225);  
box-shadow:4px 4px 4px 4px rgb(191, 213,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 9.730, 239.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 213, 225) }
```

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

```
.background{ background-color: rgb(191,  
213, 225) }
```

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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