

Converting Colors

CIELCh(84, 9.911, 221.077)

Have a look what the booklet for
CIELCh(84, 9.911, 221.077) contains.

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Color

CIELCh(84, 9.922, 220.771)

Conversions

Conversions Part 1

Format	Color
Hex	BBD6DD
RGB	187, 214, 221
RGB Percent	73%, 84%, 87%
CMY	0.2656, 0.1597, 0.1322
CMYK	0.15, 0.03, 0.00, 0.13
HSL	192°, 34%, 80%
HSV	192°, 15%, 87%
XYZ	57.7632, 64.0658, 77.9205
YIQ	206.7250, -18.3390, -3.5470

Conversions

Conversions Part 2

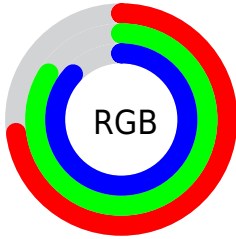
Format	Color
RYB	187, 202, 221
Decimal	12310237
CIELab	84.00, -7.51, -6.48
CIElCh	84, 9.922, 220.771
Yxy	64.0658, 0.2892, 0.3207
Android (android.graphics.Color)	4290500317 (0xFFBBD6DD)
YUV	206.7250, 7.0376, -17.2988
Hunter-Lab	80.0411, -11.2540, -1.6904

Details

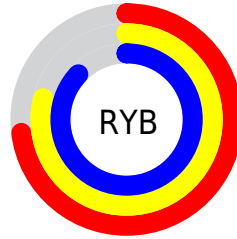
The CIELCh color `84, 9.922, 220.771` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 10.952, 39.809`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.141, 199.303`, and `64, 10.009, 221.765` is the 20% darker color. If you saturate the color by 10%, you get `81, 15.879, 221.312`, and if you desaturate by 10%, it is `87, 3.557, 220.468`.

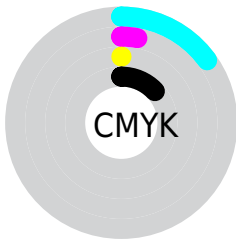
Distribution



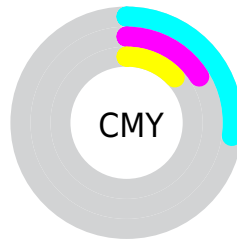
- Red (73%)
- Green (84%)
- Blue (87%)



- Red (73%)
- Yellow (79%)
- Blue (87%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 9.922, 220.771 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, 9.922, 220.771 by changing the saturation by 10% instead.

■ 84, 9.922, 220.771

■ 84, 9.922, 220.771

■ 100, 9.922,
220.771

■ 74, 9.922, 220.771

■ 64, 9.922, 220.771

■ 54, 9.922, 220.771

■ 44, 9.922, 220.771

■ 34, 9.922, 220.771

■ 24, 9.922, 220.771

■ 14, 9.922, 220.771

■ 4, 9.922, 220.771

■ 0, 9.922, 220.771

84, 9.922, 220.771

84, 9.922, 220.771

81, 15.879,
221.312

87, 3.557, 220.468

79, 21.330,
222.101

90, 3.129, 39.856

77, 26.174,
223.178

92, 10.058, 39.830

74, 30.318,
224.612

94, 10.087, 54.513

72, 33.690,
226.482

95, 10.427, 70.224

71, 36.260,
228.877

96, 11.478, 83.935

69, 38.064,
231.877

97, 13.063, 94.784

67, 39.218,
235.528

98, 15.009,
103.007

99, 17.056,
108.888

■ 67,39.650,
237.356

Harmonies

Complementary

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



84, 9.922, 220.771



81, 10.952, 39.809

Rectangle

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



84, 9.922, 220.771



84, 9.922, 270.771



84, 9.922, 40.771



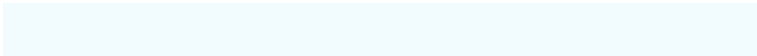
84, 9.922, 90.771

Sweetspot

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



84, 9.922, 220.760



98, 3.720, 220.468



85, 18.987, 149.497



52, 2.533, 220.470



0, 0.000, 0.000



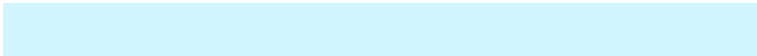
53, 0.007, 296.813

Same Dimension

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



84, 9.922, 220.760



94, 12.935, 220.891



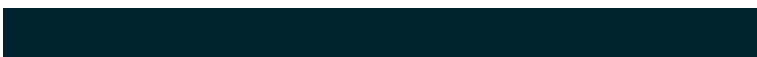
80, 13.090, 275.785



45, 3.697, 220.541



53, 32.988, 236.623



13, 13.099, 228.919

Inverse Universe

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



80, 18.977, 331.687



89, 24.967, 331.871



85, 13.052, 91.786



43, 6.935, 331.293



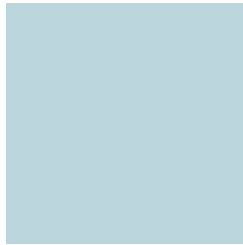
39, 73.847, 338.453



6, 29.897, 336.327

Previews

White Background



This preview shows how the CIELCh color 84, 9.922, 220.771 looks on a white background.

Color Contrast Check

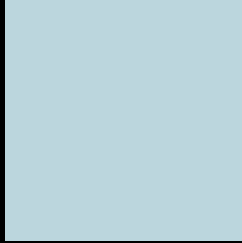
Large Text (above 18pt) WCAG AA × Fail

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, 9.922, 220.771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

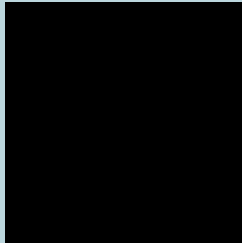
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

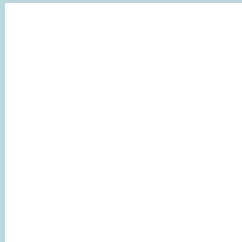
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 9.922, 220.771

Background



This preview shows how black text looks on a background with the CIELCh color 84, 9.922, 220.771.

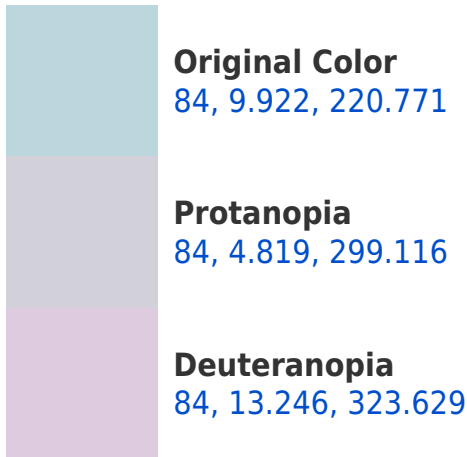


This preview shows how white text looks on a background with the CIELCh color 84, 9.922, 220.771.

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, 11.933, 247.935

Trichromacy



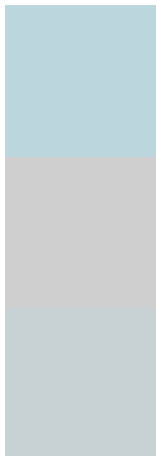
Original Color
84, 9.922, 220.771

Protanomaly
84, 5.477, 259.617

Deuteranomaly
84, 8.535, 298.027

Tritanomaly
84, 11.117, 240.768

Monochromacy



Original Color
84, 9.922, 220.771

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 3.702, 215.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 9.922, 220.771 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(187, 214, 221)` looks like.

```
.text, #text, p{  
    color:rgb(187, 214, 221)  
}
```

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(187, 214, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 214, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 9.922, 220.771 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(187, 214, 221) }
```

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

```
.border{ border-color:rgb(187, 214, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 214, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 214, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 214, 221);  
box-shadow:4px 4px 4px 4px rgb(187, 214,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 9.922, 220.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 214, 221) }
```

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

```
.background{ background-color: rgb(187,  
214, 221) }
```

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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