

Converting Colors

CIELCh(84, 9.409, 252.472)

Have a look what the booklet for
CIELCh(84, 9.409, 252.472) contains.

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Color

CIELCh(84, 9.309, 251.813)

Conversions

Conversions Part 1

Format	Color
Hex	C3D4E2
RGB	195, 212, 226
RGB Percent	76%, 83%, 89%
CMY	0.2359, 0.1693, 0.1144
CMYK	0.14, 0.06, 0.00, 0.11
HSL	207°, 35%, 82%
HSV	207°, 14%, 89%
XYZ	59.6695, 64.0658, 81.0513
YIQ	208.5130, -14.6260, 0.7500

Conversions

Conversions Part 2

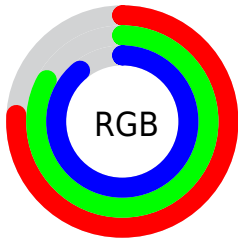
Format	Color
R _Y B	195, 206, 226
Decimal	12834018
CIE Lab	84.00, -2.91, -8.84
CIE LCh	84, 9.309, 251.813
Yxy	64.0658, 0.2914, 0.3128
Android (android.graphics.Color)	4291024098 (0xFFC3D4E2)
YUV	208.5130, 8.6211, -11.8509
Hunter-Lab	80.0411, -7.0027, -4.0095

Details

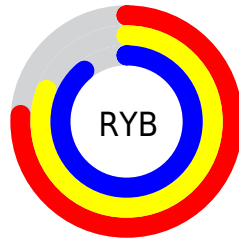
The CIELCh color **84, 9.309, 251.813** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 9.741, 68.372**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **64, 9.563, 254.092** is the 20% darker color. If you saturate the color by 10%, you get **80, 15.921, 253.375**, and if you desaturate by 10%, it is **88, 2.552, 250.600**.

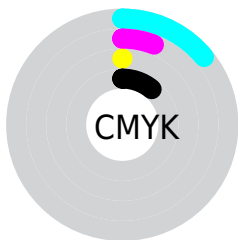
Distribution



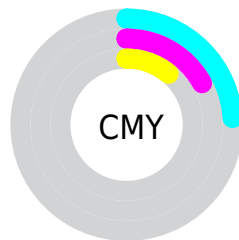
- Red (76%)
- Green (83%)
- Blue (89%)



- Red (76%)
- Yellow (81%)
- Blue (89%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 9.309, 251.813 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, 9.309, 251.813 by changing the saturation by 10% instead.

■ 84, 9.309, 251.813

■ 84, 9.309, 251.813

■ 100, 9.309,
251.813

■ 74, 9.309, 251.813

■ 64, 9.309, 251.813

■ 54, 9.309, 251.813

■ 44, 9.309, 251.813

■ 34, 9.309, 251.813

■ 24, 9.309, 251.813

■ 14, 9.309, 251.813

■ 4, 9.309, 251.813

■ 0, 9.309, 251.813

84, 9.309, 251.813

84, 9.309, 251.813

80, 15.921,
253.375

88, 2.552, 250.600

76, 22.353,
255.283

93, 4.308, 69.207

72, 28.569,
257.585

96, 9.619, 80.998

99, 13.601,
105.492

68, 34.548,
260.349

99, 14.757,
109.062

64, 40.297,
263.634

60, 45.863,
267.469

57, 51.339,
271.821

54, 56.860,
276.565

■ 52, 60.431,
279.557

Harmonies

Complementary

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



84, 9.309, 251.813



85, 9.741, 68.372

Rectangle

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



84, 9.309, 251.813



84, 9.309, 301.813



84, 9.309, 71.813



84, 9.309, 121.813

Sweetspot

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



84, 9.308, 251.802



98, 3.023, 250.623



87, 14.305, 159.951



52, 2.147, 250.691



0, 0.000, 0.000



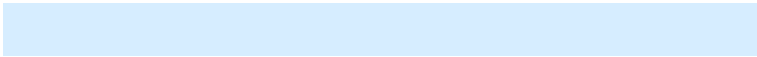
53, 0.007, 296.813

Same Dimension

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



84, 9.308, 251.802



93, 11.946, 252.148



80, 15.701, 289.632



45, 3.847, 251.225



41, 49.388, 278.697



9, 17.492, 269.005

Inverse Universe

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



82, 14.491, 342.218



90, 18.683, 342.431



89, 15.264, 106.718



44, 5.938, 341.840



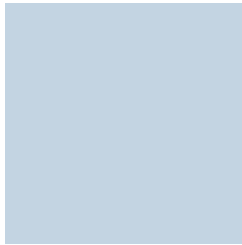
38, 64.921, 357.329



6, 26.982, 351.159

Previews

White Background



This preview shows how the CIELCh color 84, 9.309, 251.813 looks on a white background.

Color Contrast Check

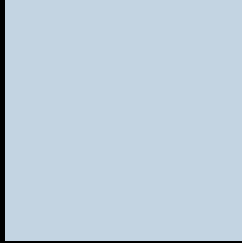
Large Text (above 18pt) WCAG AA × Fail

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, 9.309, 251.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

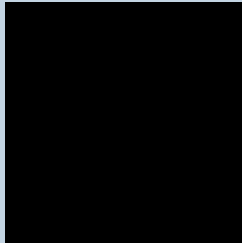
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

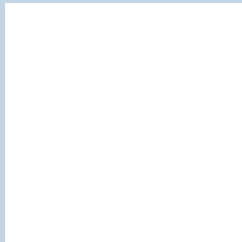
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 9.309, 251.813

Background



This preview shows how black text looks on a background with the CIELCh color 84, 9.309, 251.813.



This preview shows how white text looks on a background with the CIELCh color 84, 9.309, 251.813.

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](#).

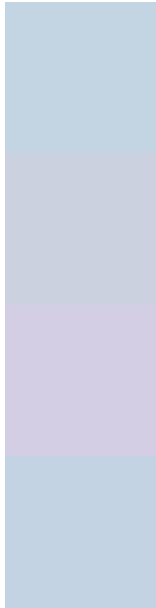
Dichromacy





Tritanopia
84, 10.396, 259.074

Trichromacy



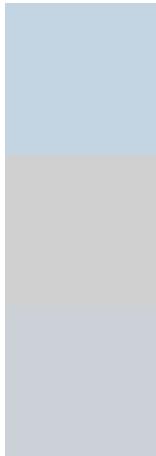
Original Color
84, 9.309, 251.813

Protanomaly
84, 8.074, 278.362

Deuteranomaly
84, 11.263, 300.069

Tritanomaly
84, 9.960, 257.376

Monochromacy



Original Color
84, 9.309, 251.813

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 3.372, 251.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 9.309, 251.813 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(195, 212, 226)` looks like.

```
.text, #text, p{  
    color:rgb(195, 212, 226)  
}
```

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(195, 212, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 212, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 9.309, 251.813 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(195, 212, 226) }
```

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

```
.border{ border-color:rgb(195, 212, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 212, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 212, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 212, 226); box-shadow:4px 4px 4px 4px rgb(195, 212, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 9.309, 251.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 212, 226) }
```

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

```
.background{ background-color: rgb(195,  
212, 226) }
```

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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