

Converting Colors

CIELCh(84, 6.029, 225.094)

Have a look what the booklet for
CIELCh(84, 6.029, 225.094) contains.

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Color

CIELCh(84, 5.851, 225.993)

Conversions

Conversions Part 1

Format	Color
Hex	C5D4D9
RGB	197, 212, 217
RGB Percent	77%, 83%, 85%
CMY	0.2269, 0.1680, 0.1484
CMYK	0.09, 0.02, 0.00, 0.15
HSL	195°, 21%, 81%
HSV	195°, 9%, 85%
XYZ	59.1860, 64.0658, 74.9904
YIQ	208.0850, -10.5450, -1.6250

Conversions

Conversions Part 2

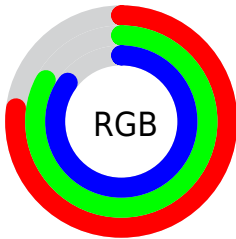
Format	Color
RYB	197, 206, 217
Decimal	12965081
CIELab	84.00, -4.06, -4.21
CIElCh	84, 5.851, 225.993
Yxy	64.0658, 0.2986, 0.3232
Android (android.graphics.Color)	4291155161 (0xFFC5D4D9)
YUV	208.0850, 4.3951, -9.7215
Hunter-Lab	80.0411, -8.0809, 0.4800

Details

The CIELCh color `84, 5.851, 225.993` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 6.176, 44.917`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.347, 201.292`, and `64, 5.818, 227.789` is the 20% darker color. If you saturate the color by 10%, you get `81, 11.894, 226.620`, and if you desaturate by 10%, it is `87, 0.509, 44.255`.

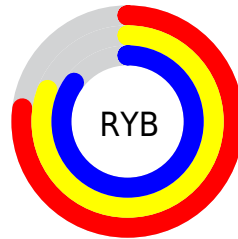
Distribution



Red (77%)

Green (83%)

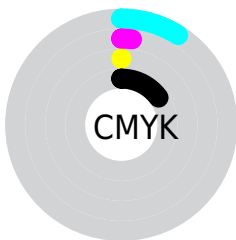
Blue (85%)



Red (77%)

Yellow (81%)

Blue (85%)

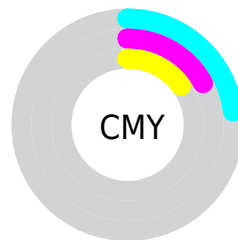


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (15%)



Cyan (23%)

Magenta (17%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 5.851, 225.993 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, 5.851, 225.993 by changing the saturation by 10% instead.

■ 84, 5.851, 225.993

■ 84, 5.851, 225.993

■ 100, 5.851,
225.993

■ 74, 5.851, 225.993

■ 64, 5.851, 225.993

■ 54, 5.851, 225.993

■ 44, 5.851, 225.993

■ 34, 5.851, 225.993

■ 24, 5.851, 225.993

■ 14, 5.851, 225.993

■ 4, 5.851, 225.993

■ 0, 5.851, 225.993

84, 5.851, 225.993

84, 5.851, 225.993

81, 11.894,
226.620

87, 0.509, 44.255

78, 17.537,
227.527

90, 7.112, 44.900

76, 22.692,
228.729

93, 11.440, 50.311

73, 27.272,
230.296

95, 12.722, 82.049

71, 31.204,
232.310

97, 14.537, 93.889

69, 34.444,
234.865

98, 16.824,
102.748

66, 37.001,
238.049

99, 19.137,
108.730

65, 38.955,
241.923

■ 63, 40.513,
246.406

Harmonies

Complementary

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



84, 5.851, 225.993



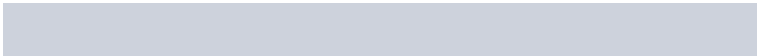
82, 6.176, 44.917

Rectangle

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



84, 5.851, 225.993



84, 5.851, 275.993



84, 5.851, 45.993



84, 5.851, 95.993

Sweetspot

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



84, 5.851, 225.973



99, 2.203, 225.826



85, 10.904, 151.138



53, 1.667, 225.806



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, 5.851, 225.973



96, 7.925, 226.073



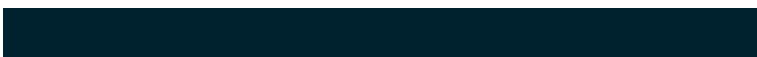
81, 7.974, 277.276



45, 3.633, 225.984



51, 34.214, 245.974



12, 13.257, 236.850

Inverse Universe

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



82, 10.816, 332.900



93, 14.735, 333.032



85, 7.925, 94.972



43, 6.721, 332.916



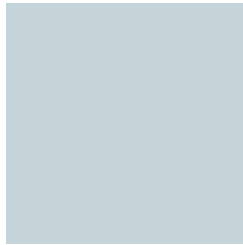
39, 71.550, 341.271



6, 28.994, 338.524

Previews

White Background



This preview shows how the CIELCh color 84, 5.851, 225.993 looks on a white background.

Color Contrast Check

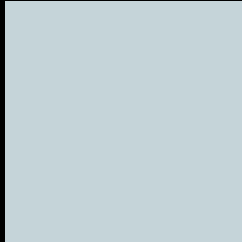
Large Text (above 18pt) WCAG AA × Fail

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, 5.851, 225.993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

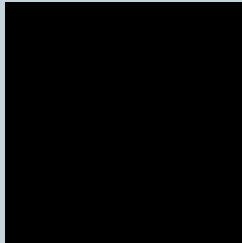
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

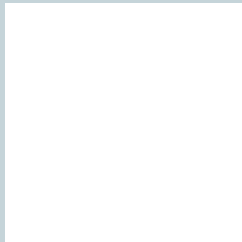
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 5.851, 225.993

Background



This preview shows how black text looks on a background with the CIELCh color 84, 5.851, 225.993.



This preview shows how white text looks on a background with the CIELCh color 84, 5.851, 225.993.

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](#).

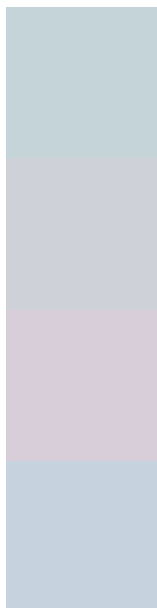
Dichromacy





Tritanopia
84, 9.314, 264.469

Trichromacy



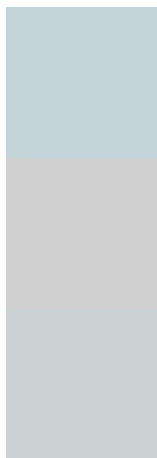
Original Color
84, 5.851, 225.993

Protanomaly
84, 3.452, 266.102

Deuteranomaly
84, 7.149, 317.499

Tritanomaly
84, 7.697, 254.732

Monochromacy



Original Color
84, 5.851, 225.993

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 2.210, 213.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 5.851, 225.993 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(197, 212, 217)` looks like.

```
.text, #text, p{  
    color:rgb(197, 212, 217)  
}
```

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(197, 212, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 212, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 5.851, 225.993 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(197, 212, 217) }
```

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

```
.border{ border-color:rgb(197, 212, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 212, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 212, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 212, 217);  
box-shadow:4px 4px 4px 4px rgb(197, 212,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 5.851, 225.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 212, 217) }
```

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

```
.background{ background-color: rgb(197,  
212, 217) }
```

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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