

Converting Colors

CIELCh(84, 6.988, 232.485)

Have a look what the booklet for
CIELCh(84, 6.988, 232.485) contains.

CIELCh(84, 7.200, 235.086)	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, 7.200, 235.086)

Conversions

Conversions Part 1

Format	Color
Hex	C3D4DC
RGB	195, 212, 220
RGB Percent	76%, 83%, 86%
CMY	0.2341, 0.1674, 0.1360
CMYK	0.11, 0.04, 0.00, 0.14
HSL	199°, 26%, 81%
HSV	199°, 11%, 86%
XYZ	59.1627, 64.0658, 77.1711
YIQ	207.8290, -12.7000, -1.1160

Conversions

Conversions Part 2

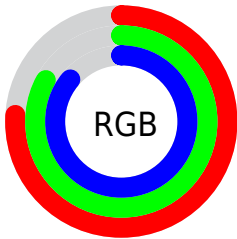
Format	Color
R _Y B	195, 205, 220
Decimal	12834012
CIE Lab	84.00, -4.12, -5.90
CIE LCh	84, 7.200, 235.086
Yxy	64.0658, 0.2952, 0.3197
Android (android.graphics.Color)	4291024092 (0xFFC3D4DC)
YUV	207.8290, 6.0003, -11.2510
Hunter-Lab	80.0411, -8.1328, -1.1353

Details

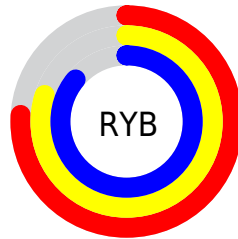
The CIELCh color `84, 7.200, 235.086` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 7.639, 53.128`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.042, 199.975`, and `64, 7.260, 237.097` is the 20% darker color. If you saturate the color by 10%, you get `81, 13.247, 236.131`, and if you desaturate by 10%, it is `87, 0.876, 234.733`.

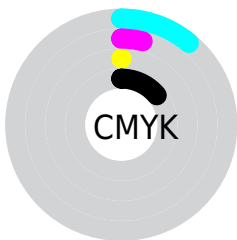
Distribution



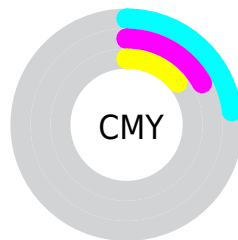
- Red (76%)
- Green (83%)
- Blue (86%)



- Red (76%)
- Yellow (80%)
- Blue (86%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 7.200, 235.086 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, 7.200, 235.086 by changing the saturation by 10% instead.

■ 84, 7.200, 235.086

■ 84, 7.200, 235.086

■ 100, 7.200,
235.086

■ 74, 7.200, 235.086

■ 64, 7.200, 235.086

■ 54, 7.200, 235.086

■ 44, 7.200, 235.086

■ 34, 7.200, 235.086

■ 24, 7.200, 235.086

■ 14, 7.200, 235.086

■ 4, 7.200, 235.086

■ 0, 7.200, 235.086

84, 7.200, 235.086

84, 7.200, 235.086

81, 13.247,
236.131

87, 0.876, 234.733

77, 18.949,
237.496

91, 5.662, 53.338

74, 24.234,
239.221

94, 10.420, 59.969

71, 29.036,
241.386

97, 14.110, 97.898

68, 33.309,
244.080

99, 17.344,
108.371

66, 37.047,
247.389

99, 17.544,
108.851

63, 40.301,
251.372

61, 43.196,
256.019

■ 59, 45.601,
260.382

Harmonies

Complementary

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



84, 7.200, 235.086



83, 7.639, 53.128

Rectangle

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



84, 7.200, 235.086



84, 7.200, 285.086



84, 7.200, 55.086



84, 7.200, 105.086

Sweetspot

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



84, 7.200, 235.070



99, 2.180, 234.531



86, 12.799, 154.175



53, 1.649, 234.539



0, 0.000, 0.000



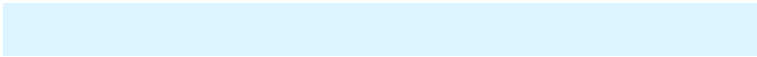
53, 0.007, 296.813

Same Dimension

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



84, 7.200, 235.070



95, 9.942, 235.334



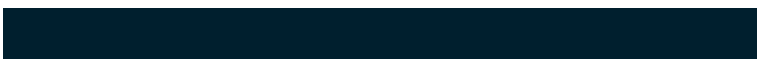
81, 10.947, 282.762



44, 3.602, 234.902



47, 37.801, 259.472



10, 13.984, 249.033

Inverse Universe

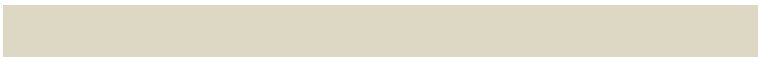
The Inverse Universe completely reimagines the original color for something new.



81, 12.848, 335.868



91, 17.880, 336.076



86, 10.789, 100.099



43, 6.393, 335.724



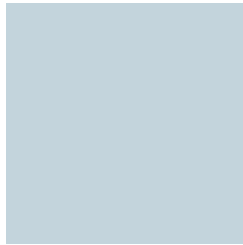
38, 68.343, 346.265



6, 27.662, 342.402

Previews

White Background



This preview shows how the CIELCh color 84, 7.200, 235.086 looks on a white background.

Color Contrast Check

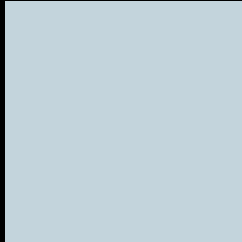
Large Text (above 18pt) WCAG AA × Fail

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, 7.200, 235.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

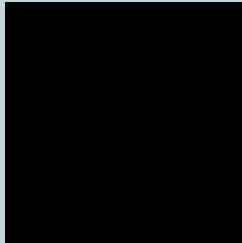
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

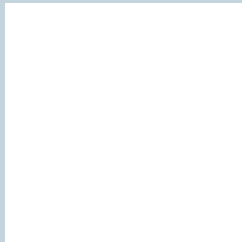
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 7.200, 235.086

Background



This preview shows how black text looks on a background with the CIELCh color 84, 7.200, 235.086.



This preview shows how white text looks on a background with the CIELCh color 84, 7.200, 235.086.

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](#).

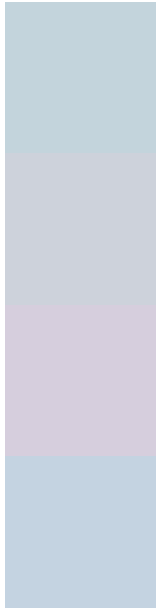
Dichromacy





Tritanopia
84, 10.073, 262.390

Trichromacy



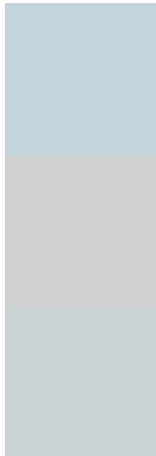
Original Color
84, 7.200, 235.086

Protanomaly
84, 5.038, 270.053

Deuteranomaly
84, 8.458, 310.500

Tritanomaly
84, 8.922, 255.281

Monochromacy



Original Color
84, 7.200, 235.086

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 2.703, 222.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 7.200, 235.086 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(195, 212, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 212, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 7.200, 235.086 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, 220) }
```

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

```
.border{ border-color:rgb(195, 212, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 212, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 212, 220);  
box-shadow:4px 4px 4px 4px rgb(195, 212,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 7.200, 235.086 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, 220) }
```

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

```
.background{ background-color: rgb(195,  
212, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor