

Converting Colors

CIELCh(84, 7.035, 133.665)

Have a look what the booklet for
CIELCh(84, 7.035, 133.665) contains.

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Color

CIELCh(84, 6.980, 134.460)

Conversions

Conversions Part 1

Format	Color
Hex	CCD4C8
RGB	204, 212, 200
RGB Percent	80%, 83%, 78%
CMY	0.2002, 0.1688, 0.2158
CMYK	0.04, 0.00, 0.06, 0.17
HSL	100°, 12%, 81%
HSV	100°, 6%, 83%
XYZ	58.8440, 64.0658, 63.8829
YIQ	208.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

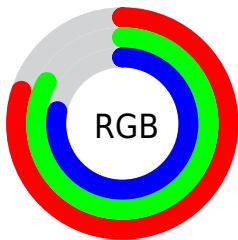
Format	Color
R _Y B	200, 212, 208
Decimal	13423816
CIE Lab	84.00, -4.89, 4.98
CIE LCh	84, 6.980, 134.460
Yxy	64.0658, 0.3150, 0.3430
Android (android.graphics.Color)	4291613896 (0xFFCCD4C8)
YUV	208.2400, -4.0623, -3.7185
Hunter-Lab	80.0411, -8.8436, 8.7079

Details

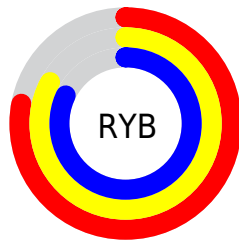
The CIELCh color `84, 6.980, 134.460` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 7.032, 314.881`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 6.715, 133.420` is the 20% darker color. If you saturate the color by 10%, you get `83, 19.395, 133.996`, and if you desaturate by 10%, it is `86, 5.336, 314.810`.

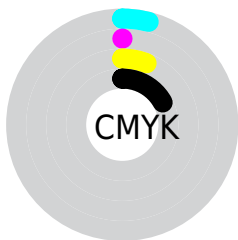
Distribution



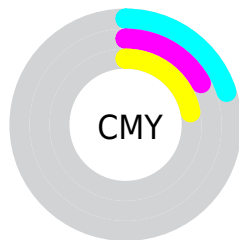
- Red (80%)
- Green (83%)
- Blue (78%)



- Red (78%)
- Yellow (83%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 6.980, 134.460 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, 6.980, 134.460 by changing the saturation by 10% instead.

 84, 6.980, 134.460

 84, 6.980, 134.460

 100, 6.980,
134.460

 74, 6.980, 134.460

 64, 6.980, 134.460

 54, 6.980, 134.460


 44, 6.980, 134.460

 34, 6.980, 134.460

 24, 6.980, 134.460

 14, 6.980, 134.460

 4, 6.980, 134.460

 0, 6.980, 134.460

84, 6.980, 134.460

84, 6.980, 134.460

83, 19.395,
133.996

86, 5.336, 314.810

81, 31.806,
133.497

87, 17.491,
315.190

80, 44.078,
132.971

89, 25.479,
319.536

79, 56.022,
132.439


90, 26.972,
325.364

78, 67.370,
131.948

77, 77.752,
131.574

76, 86.686,
131.426

76, 93.639,
131.635

 75, 98.236,
132.293

Harmonies

Complementary

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



84, 6.980, 134.460



82, 7.032, 314.881

Rectangle

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



84, 6.980, 134.460



84, 6.980, 184.460



84, 6.980, 314.460



84, 6.980, 4.460

Sweetspot

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



84, 6.982, 134.464



100, 2.853, 134.663



84, 4.445, 90.372



53, 1.622, 134.671



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, 6.982, 134.464



99, 10.037, 134.398



84, 6.879, 149.087



45, 5.653, 134.376



62, 84.724, 132.425



15, 29.261, 134.118

Inverse Universe

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



82, 7.032, 314.881



95, 10.114, 314.945



82, 6.901, 329.686



43, 5.698, 314.966



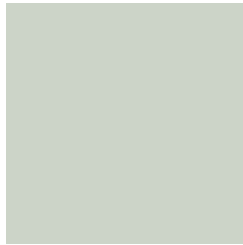
31, 89.231, 316.394



4, 30.352, 315.366

Previews

White Background



This preview shows how the CIELCh color 84, 6.980, 134.460 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 CIE LCh color 84, 6.980, 134.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

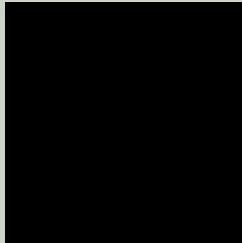
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

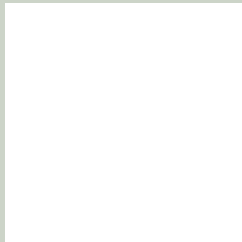
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 6.980, 134.460

Background



This preview shows how black text looks on a background with the CIELCh color 84, 6.980, 134.460.



This preview shows how white text looks on a background with the CIELCh color 84, 6.980, 134.460.

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



Original Color

84, 6.980, 134.460

Protanopia

84, 6.022, 80.082

Deuteranopia

84, 11.217, 20.216



Tritanopia
84, 8.975, 290.954

Trichromacy



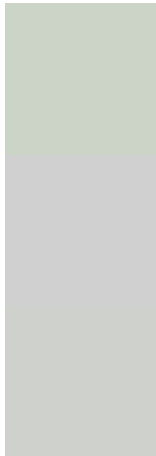
Original Color
84, 6.980, 134.460

Protanomaly
84, 5.359, 97.752

Deuteranomaly
84, 6.495, 43.544

Tritanomaly
84, 3.755, 279.569

Monochromacy



Original Color
84, 6.980, 134.460

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 2.229, 129.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 6.980, 134.460 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(204, 212, 200)` looks like.

```
.text, #text, p{  
    color:rgb(204, 212, 200)  
}
```

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(204, 212, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 212, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 6.980, 134.460 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(204, 212, 200) }
```

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

```
.border{ border-color:rgb(204, 212, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 212, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 212, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 212, 200);  
box-shadow:4px 4px 4px 4px rgb(204, 212,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 6.980, 134.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 212, 200) }
```

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

```
.background{ background-color: rgb(204,  
212, 200) }
```

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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