

Converting Colors

CIELCh(84, 12.260, 148.035)

Have a look what the booklet for
CIELCh(84, 12.260, 148.035)
contains.

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Color

CIELCh(84, 12.249, 148.022)

Conversions

Conversions Part 1

Format	Color
Hex	C2D7C5
RGB	194, 215, 197
RGB Percent	76%, 84%, 77%
CMY	0.2394, 0.1570, 0.2276
CMYK	0.10, 0.00, 0.08, 0.16
HSL	129°, 21%, 80%
HSV	129°, 10%, 84%
XYZ	56.5944, 64.0658, 62.1756
YIQ	206.6690, -6.7380, -10.0500

Conversions

Conversions Part 2

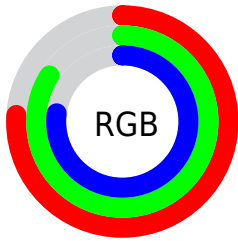
Format	Color
RYB	194, 212, 215
Decimal	12769221
CIELab	84.00, -10.39, 6.49
CIElCh	84, 12.249, 148.022
Yxy	64.0658, 0.3095, 0.3504
Android (android.graphics.Color)	4290959301 (0xFFC2D7C5)
YUV	206.6690, -4.7668, -11.1107
Hunter-Lab	80.0411, -13.8605, 9.9726

Details

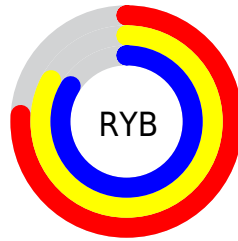
The CIELCh color **84, 12.249, 148.022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 12.281, 329.166**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.484, 179.774**, and **64, 12.280, 148.075** is the 20% darker color. If you saturate the color by 10%, you get **82, 24.898, 147.276**, and if you desaturate by 10%, it is **86, 0.294, 327.573**.

Distribution



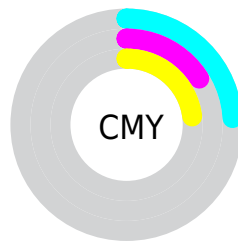
- Red (76%)
- Green (84%)
- Blue (77%)



- Red (76%)
- Yellow (83%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 12.249, 148.022 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, 12.249, 148.022 by changing the saturation by 10% instead.


 84, 12.249,
148.022

 84, 12.249,
148.022


 100, 12.249,
148.022


 74, 12.249,
148.022


 64, 12.249,
148.022

 54, 12.249,
148.022

 44, 12.249,
148.022

 34, 12.249,
148.022

 24, 12.249,
148.022

 14, 12.249,

148.022

■ 4, 12.249, 148.022

■ 0, 12.249, 148.022

■ 84, 12.249,
148.022

■ 84, 12.249,
148.022

■ 82, 24.898,
147.276

■ 86, 0.294, 327.573

■ 81, 37.483,
146.418

■ 88, 12.620,
329.138

■ 79, 49.796,
145.424

■ 90, 23.934,
327.248

■ 78, 61.580,
144.281

■ 90, 25.089,
325.298

■ 77, 72.537,

142.991

■ 76, 82.345,
141.577

■ 76, 90.674,
140.094

■ 75, 97.216,
138.641

■ 75, 101.800,
137.394

Harmonies

Complementary

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



84, 12.249, 148.022



81, 12.281, 329.166

Rectangle

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



84, 12.249, 148.022



84, 12.249, 198.022



84, 12.249, 328.022



84, 12.249, 18.022

Sweetspot

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



84, 12.251, 148.022



99, 4.294, 148.512



85, 11.040, 114.665



53, 3.259, 148.445



0, 0.000, 0.000



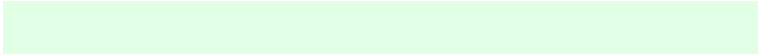
53, 0.007, 296.813

Same Dimension

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



84, 12.251, 148.022



97, 17.308, 147.855



84, 8.595, 170.677



44, 7.094, 148.046



61, 85.423, 137.584



14, 29.891, 143.523

Inverse Universe

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



81, 12.281, 329.166



92, 17.349, 329.312



80, 8.788, 352.364



42, 7.112, 329.144



39, 76.602, 334.829



6, 29.675, 333.313

Previews

White Background



This preview shows how the CIELCh color 84, 12.249, 148.022 looks on a white background.

Color Contrast Check

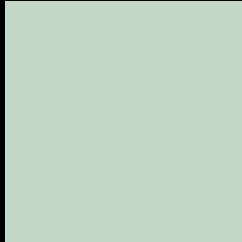
Large Text (above 18pt) WCAG AA × Fail

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, 12.249, 148.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

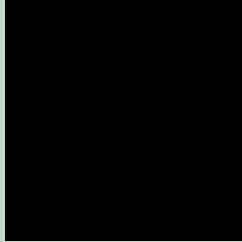
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

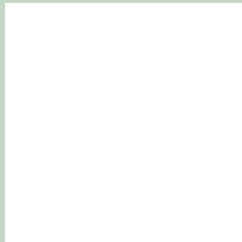
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 12.249, 148.022

Background



This preview shows how black text looks on a background with the CIELCh color 84, 12.249, 148.022.

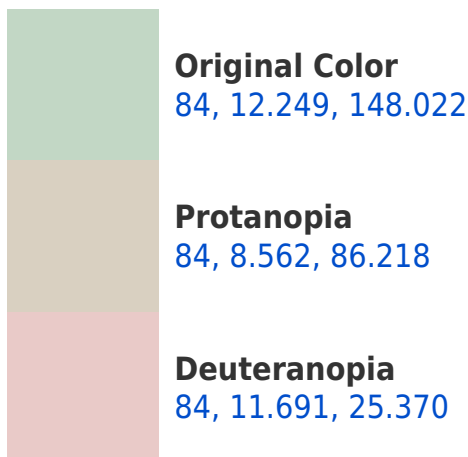


This preview shows how white text looks on a background with the CIELCh color 84, 12.249, 148.022.

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](#).

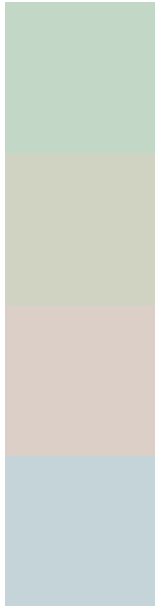
Dichromacy





Tritanopia
84, 9.661, 267.789

Trichromacy



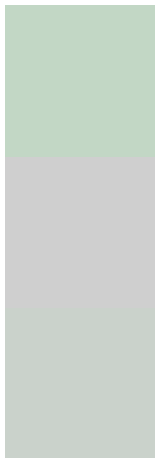
Original Color
84, 12.249, 148.022

Protanomaly
84, 8.958, 114.167

Deuteranomaly
84, 6.119, 62.891

Tritanomaly
84, 5.654, 221.097

Monochromacy



Original Color
84, 12.249, 148.022

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 4.722, 147.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 12.249, 148.022 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(194, 215, 197)` looks like.

```
.text, #text, p{  
    color:rgb(194, 215, 197)  
}
```

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(194, 215, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 215, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 12.249, 148.022 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(194, 215, 197) }
```

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

```
.border{ border-color:rgb(194, 215, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 215, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 215, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 215, 197);  
box-shadow:4px 4px 4px 4px rgb(194, 215,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 12.249, 148.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 215, 197) }
```

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

```
.background{ background-color: rgb(194,  
215, 197) }
```

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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