

Converting Colors

CIELCh(84, 9.372, 135.038)

Have a look what the booklet for
CIELCh(84, 9.372, 135.038) contains.

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Color

CIELCh(84, 9.363, 135.039)

Conversions

Conversions Part 1

Format	Color
Hex	CAD5C5
RGB	202, 213, 197
RGB Percent	79%, 84%, 77%
CMY	0.2085, 0.1653, 0.2281
CMYK	0.05, 0.00, 0.08, 0.17
HSL	101°, 16%, 80%
HSV	101°, 8%, 83%
XYZ	58.1277, 64.0658, 62.0305
YIQ	207.8870, -1.4200, -7.3080

Conversions

Conversions Part 2

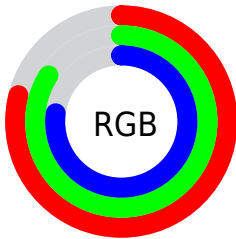
Format	Color
RYB	197, 213, 208
Decimal	13292997
CIELab	84.00, -6.63, 6.62
CIELCh	84, 9.363, 135.039
Yxy	64.0658, 0.3155, 0.3478
Android (android.graphics.Color)	4291483077 (0xFFCAD5C5)
YUV	207.8870, -5.3673, -5.1629
Hunter-Lab	80.0411, -10.4411, 10.0800

Details

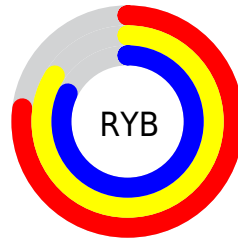
The CIELCh color **84, 9.363, 135.039** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 9.435, 315.631**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **64, 9.234, 134.291** is the 20% darker color. If you saturate the color by 10%, you get **82, 21.905, 134.565**, and if you desaturate by 10%, it is **86, 3.089, 315.378**.

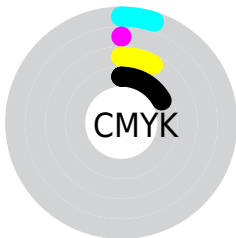
Distribution



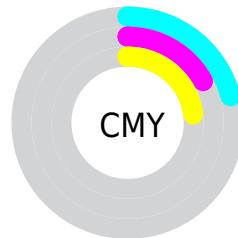
- Red (79%)
- Green (84%)
- Blue (77%)



- Red (77%)
- Yellow (84%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)



- Cyan (21%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 9.363, 135.039 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, 9.363, 135.039 by changing the saturation by 10% instead.

■ 84, 9.363, 135.039

■ 84, 9.363, 135.039

■ 100, 9.363,
135.039

■ 74, 9.363, 135.039

■ 64, 9.363, 135.039

■ 54, 9.363, 135.039

■ 44, 9.363, 135.039

■ 34, 9.363, 135.039

■ 24, 9.363, 135.039

■ 14, 9.363, 135.039

■ 4, 9.363, 135.039

■ 0, 9.363, 135.039

■ 84, 9.363, 135.039

■ 84, 9.363, 135.039

■ 82, 21.905,
134.565

■ 86, 3.089, 315.378

■ 81, 34.423,
134.051

■ 87, 15.382,
315.793

■ 80, 46.771,
133.508

■ 89, 24.828,
318.946

■ 79, 58.741,
132.961

■ 90, 26.417,
325.344

■ 78, 70.043,
132.461

■ 77, 80.278,
132.088

■ 76, 88.941,
131.958

■ 76, 95.502,
132.200

■ 75, 99.698,
132.871

Harmonies

Complementary

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



84, 9.363, 135.039



81, 9.435, 315.631

Rectangle

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



84, 9.363, 135.039



84, 9.363, 185.039



84, 9.363, 315.039



84, 9.363, 5.039

Sweetspot

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



84, 9.365, 135.042



100, 2.869, 135.331



84, 6.035, 91.475



53, 1.631, 135.339



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, 9.365, 135.042



98, 12.993, 134.968



84, 9.069, 149.512



44, 7.114, 134.953



62, 85.148, 132.842



15, 29.442, 134.645

Inverse Universe

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



81, 9.435, 315.631



94, 13.101, 315.701



81, 9.096, 330.377



42, 7.174, 315.716



31, 88.879, 317.030



4, 30.537, 316.223

Previews

White Background



This preview shows how the CIELCh color 84, 9.363, 135.039 looks on a white background.

Color Contrast Check

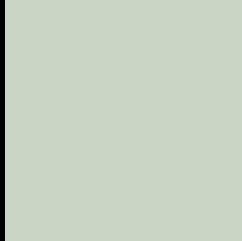
Large Text (above 18pt) WCAG AA × Fail

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, 9.363, 135.039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

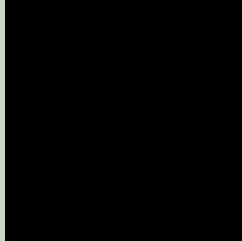
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

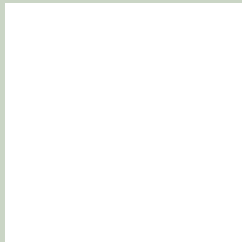
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 9.363, 135.039

Background



This preview shows how black text looks on a background with the CIELCh color 84, 9.363, 135.039.



This preview shows how white text looks on a background with the CIELCh color 84, 9.363, 135.039.

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

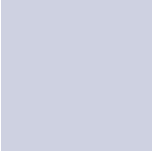
84, 9.363, 135.039

Protanopia

84, 7.930, 87.311

Deuteranopia

84, 11.773, 27.890



Tritanopia
84, 8.488, 283.809

Trichromacy



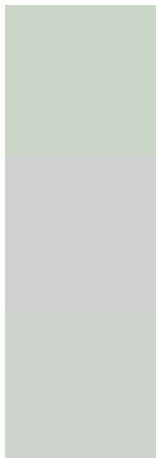
Original Color
84, 9.363, 135.039

Protanomaly
84, 7.881, 106.778

Deuteranomaly
84, 7.302, 54.776

Tritanomaly
84, 3.369, 251.073

Monochromacy



Original Color
84, 9.363, 135.039

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 3.487, 134.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 9.363, 135.039 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(202, 213, 197)` looks like.

```
.text, #text, p{  
    color:rgb(202, 213, 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(202, 213, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 213, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 9.363, 135.039 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(202, 213, 197) }
```

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

```
.border{ border-color:rgb(202, 213, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 213, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 213, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 213, 197); box-shadow:4px 4px 4px 4px rgb(202, 213, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 9.363, 135.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 213, 197) }
```

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

```
.background{ background-color: rgb(202,  
213, 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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