

Converting Colors

CIELCh(84, 3.074, 292.612)

Have a look what the booklet for
CIELCh(84, 3.074, 292.612) contains.

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Color

CIELCh(84, 3.171, 290.471)

Conversions

Conversions Part 1

Format	Color
Hex	D1D1D7
RGB	209, 209, 215
RGB Percent	82%, 82%, 84%
CMY	0.1804, 0.1804, 0.1568
CMYK	0.03, 0.03, 0.00, 0.16
HSL	240°, 7%, 83%
HSV	240°, 3%, 84%
XYZ	61.3638, 64.0658, 73.4250
YIQ	209.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

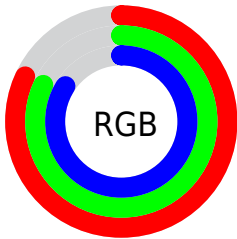
Format	Color
R _Y B	209, 209, 215
Decimal	13750743
CIE Lab	84.00, 1.11, -2.97
CIE LCh	84, 3.171, 290.471
Yxy	64.0658, 0.3086, 0.3222
Android (android.graphics.Color)	4291940823 (0xFFD1D1D7)
YUV	209.6840, 2.6208, -0.5999
Hunter-Lab	80.0411, -3.2242, 1.6396

Details

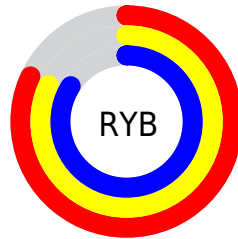
The CIELCh color **84, 3.171, 290.471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 3.131, 109.867**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 2.792, 290.496** is the 20% darker color. If you saturate the color by 10%, you get **77, 14.783, 291.516**, and if you desaturate by 10%, it is **91, 7.993, 109.499**.

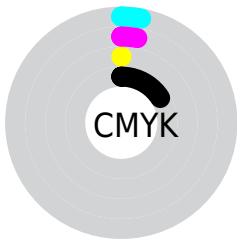
Distribution



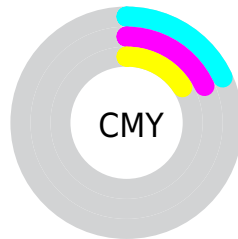
- Red (82%)
- Green (82%)
- Blue (84%)



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



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (18%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 3.171, 290.471 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, 3.171, 290.471 by changing the saturation by 10% instead.

 84, 3.171, 290.471	 84, 3.171, 290.471
 100, 3.171, 290.471	 74, 3.171, 290.471
	 64, 3.171, 290.471
	 54, 3.171, 290.471
	 44, 3.171, 290.471
	 34, 3.171, 290.471
	 24, 3.171, 290.471
	 14, 3.171, 290.471
	 4, 3.171, 290.471
	 0, 3.171, 290.471

84, 3.171, 290.471

84, 3.171, 290.471

77, 14.783,
291.516

91, 7.993, 109.499

70, 26.887,
292.794

98, 18.738,
108.723

63, 39.515,
294.299

99, 20.213,
108.647

55, 52.688,
296.052

48, 66.358,
298.049

42, 80.304,
300.231

36, 93.898,
302.437

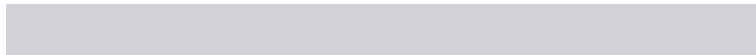
31, 105.819,
304.384

■ 28, 114.123,
305.724

Harmonies

Complementary

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



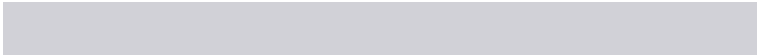
84, 3.171, 290.471



86, 3.131, 109.867

Rectangle

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



84, 3.171, 290.471



84, 3.171, 340.471



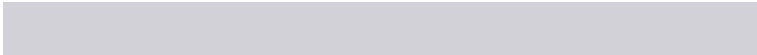
84, 3.171, 110.471



84, 3.171, 160.471

Sweetspot

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



84, 3.169, 290.449



99, 1.307, 290.311



86, 2.149, 198.121



53, 0.743, 290.310



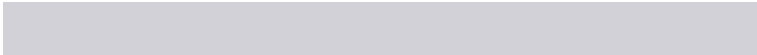
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 3.169, 290.449



98, 3.913, 290.471



84, 3.350, 308.572



44, 2.573, 290.541



20, 99.096, 306.280



2, 27.566, 294.030

Inverse Universe

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



84, 2.187, 19.260



98, 2.702, 19.295



86, 3.319, 128.398



44, 1.780, 19.389



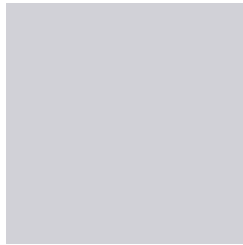
35, 77.324, 39.876



5, 21.999, 19.741

Previews

White Background



This preview shows how the CIELCh color 84, 3.171, 290.471 looks on a white background.

Color Contrast Check

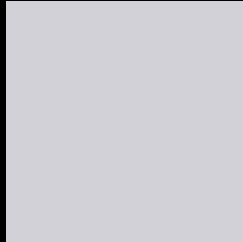
Large Text (above 18pt) WCAG AA × Fail

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, 3.171, 290.471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

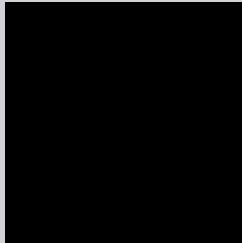
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

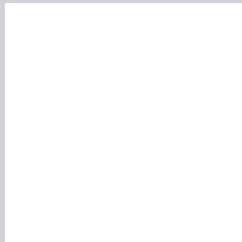
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 3.171, 290.471

Background



This preview shows how black text looks on a background with the CIELCh color 84, 3.171, 290.471.

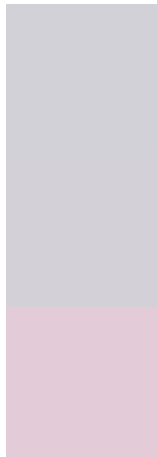


This preview shows how white text looks on a background with the CIELCh color 84, 3.171, 290.471.

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

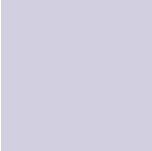
84, 3.171, 290.471

Protanopia

84, 3.987, 311.622

Deuteranopia

84, 11.122, 342.290



Tritanopia
84, 8.487, 295.664

Trichromacy



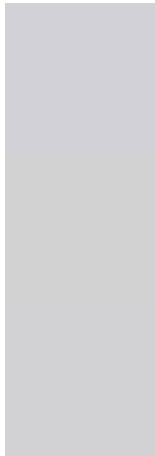
Original Color
84, 3.171, 290.471

Protanomaly
84, 3.868, 306.662

Deuteranomaly
84, 7.981, 333.377

Tritanomaly
84, 6.912, 296.654

Monochromacy



Original Color
84, 3.171, 290.471

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 1.063, 290.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 3.171, 290.471 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(209, 209, 215)` looks like.

```
.text, #text, p{  
    color:rgb(209, 209, 215)  
}
```

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(209, 209, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 209, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 3.171, 290.471 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(209, 209, 215) }
```

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

```
.border{ border-color:rgb(209, 209, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 209, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 209, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 209, 215);  
box-shadow:4px 4px 4px 4px rgb(209, 209,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 3.171, 290.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 209, 215) }
```

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

```
.background{ background-color: rgb(209,  
209, 215) }
```

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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