

Converting Colors

CIELCh(84, 2.504, 303.350)

Have a look what the booklet for
CIELCh(84, 2.504, 303.350) contains.

CIELCh(84, 2.152, 300.010)	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, 2.152, 300.010)

Conversions

Conversions Part 1

Format	Color
Hex	D2D1D5
RGB	210, 209, 213
RGB Percent	82%, 82%, 84%
CMY	0.1767, 0.1806, 0.1649
CMYK	0.01, 0.02, 0.00, 0.16
HSL	255°, 5%, 83%
HSV	255°, 2%, 84%
XYZ	61.3499, 64.0658, 72.0431
YIQ	209.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

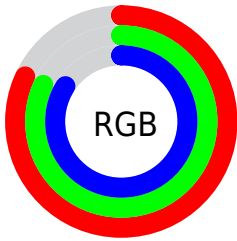
Format	Color
R _Y B	210, 209, 213
Decimal	13816277
CIE Lab	84.00, 1.08, -1.86
CIE LCh	84, 2.152, 300.010
Yxy	64.0658, 0.3107, 0.3245
Android (android.graphics.Color)	4292006357 (0xFFD2D1D5)
YUV	209.7550, 1.5998, 0.2149
Hunter-Lab	80.0411, -3.2553, 2.6632

Details

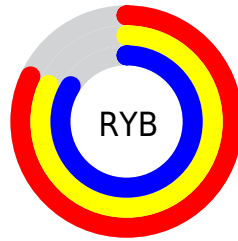
The CIELCh color **84, 2.152, 300.010** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 2.122, 119.784**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 1.726, 303.118** is the 20% darker color. If you saturate the color by 10%, you get **77, 13.809, 300.668**, and if you desaturate by 10%, it is **91, 9.085, 119.422**.

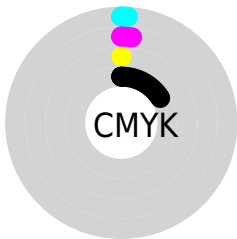
Distribution



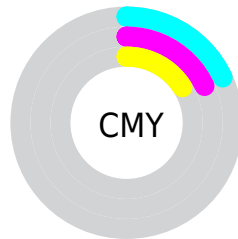
- Red (82%)
- Green (82%)
- Blue (84%)



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



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 2.152, 300.010 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, 2.152, 300.010 by changing the saturation by 10% instead.

■ 84, 2.152, 300.010

■ 84, 2.152, 300.010

100, 2.152,
300.010

■ 74, 2.152, 300.010

■ 64, 2.152, 300.010

■ 54, 2.152, 300.010

■ 44, 2.152, 300.010

■ 34, 2.152, 300.010

■ 24, 2.152, 300.010

■ 14, 2.152, 300.010

■ 4, 2.152, 300.010

■ 0, 2.152, 300.010

84, 2.152, 300.010

84, 2.152, 300.010

77, 13.809,
300.668

91, 9.085, 119.422

71, 25.906,
301.438

97, 19.919,
118.918

64, 38.442,
302.312

99, 21.252,
108.568

57, 51.378,
303.286

51, 64.597,
304.343

45, 77.828,
305.432

39, 90.518,
306.459

34, 101.697,
307.267

■ 30,110.020,
307.652

Harmonies

Complementary

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



84, 2.152, 300.010



85, 2.122, 119.784

Rectangle

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



84, 2.152, 300.010



84, 2.152, 350.010



84, 2.152, 120.010



84, 2.152, 170.010

Sweetspot

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



84, 2.150, 299.985



99, 1.330, 299.919



85, 1.201, 223.944



53, 0.756, 299.914



0, 0.000, 0.000



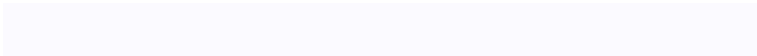
53, 0.007, 296.813

Same Dimension

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



84, 2.150, 299.985



98, 2.652, 299.995



84, 2.376, 316.774



45, 1.307, 299.985



22, 96.913, 307.774



2, 27.945, 300.221

Inverse Universe

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



84, 2.161, 332.279



99, 2.666, 332.299



85, 2.355, 136.786



45, 1.314, 332.280



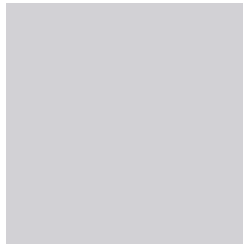
38, 70.809, 341.218



6, 27.437, 338.326

Previews

White Background



This preview shows how the CIE LCh color 84, 2.152, 300.010 looks on a white background.

Color Contrast Check

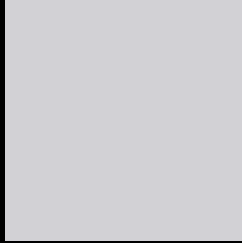
Large Text (above 18pt) WCAG AA × Fail

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, 2.152, 300.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

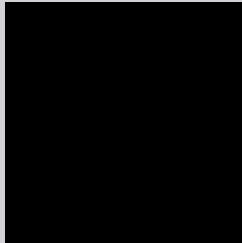
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

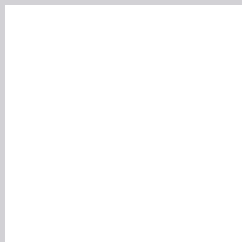
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 2.152, 300.010

Background



This preview shows how black text looks on a background with the CIELCh color 84, 2.152, 300.010.



This preview shows how white text looks on a background with the CIELCh color 84, 2.152, 300.010.

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, 9.176, 302.026

Trichromacy



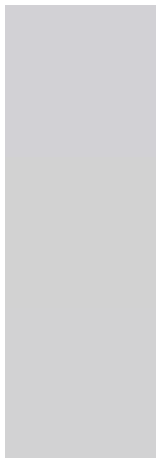
Original Color
84, 2.152, 300.010

Protanomaly
84, 2.871, 312.525

Deuteranomaly
84, 7.534, 340.941

Tritanomaly
84, 6.441, 300.249

Monochromacy



Original Color
84, 2.152, 300.010

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 0.536, 290.348

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 2.152, 300.010 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(210, 209, 213)` looks like.

```
.text, #text, p{  
    color:rgb(210, 209, 213)  
}
```

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(210, 209, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 209, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 2.152, 300.010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

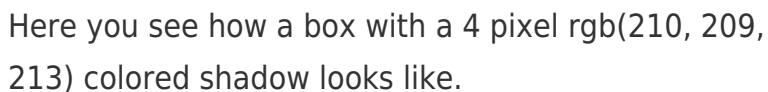
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 209, 213) }
```

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

```
.border{ border-color:rgb(210, 209, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 209, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 209, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 209, 213);  
box-shadow:4px 4px 4px 4px rgb(210, 209,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 2.152, 300.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 209, 213) }
```

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

```
.background{ background-color: rgb(210,  
209, 213) }
```

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