

Converting Colors

CIELCh(84, 5.154, 1.607)

Have a look what the booklet for
CIELCh(84, 5.154, 1.607) contains.

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Color

CIELCh(84, 5.375, 2.655)

Conversions

Conversions Part 1

Format	Color
Hex	DCCED1
RGB	220, 206, 209
RGB Percent	86%, 81%, 82%
CMY	0.1366, 0.1915, 0.1798
CMYK	0.00, 0.06, 0.05, 0.14
HSL	347°, 17%, 84%
HSV	347°, 6%, 86%
XYZ	63.1966, 64.0658, 69.4550
YIQ	210.5280, 7.3810, 3.9010

Conversions

Conversions Part 2

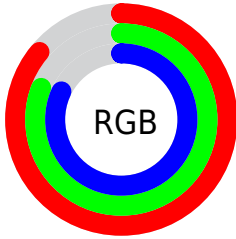
Format	Color
R _{YB}	220, 206, 209
Decimal	14470865
CIE Lab	84.00, 5.37, 0.25
CIE LCh	84, 5.375, 2.655
Yxy	64.0658, 0.3213, 0.3257
Android (android.graphics.Color)	4292660945 (0xFFDCCED1)
YUV	210.5280, -0.7533, 8.3069
Hunter-Lab	80.0411, 0.8631, 4.5804

Details

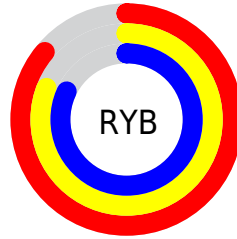
The CIELCh color **84, 5.375, 2.655** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 5.242, 181.718**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 5.319, 1.578** is the 20% darker color. If you saturate the color by 10%, you get **78, 14.175, 3.779**, and if you desaturate by 10%, it is **90, 2.989, 182.056**.

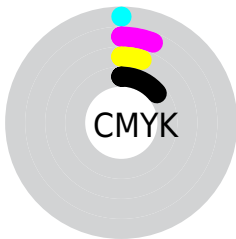
Distribution



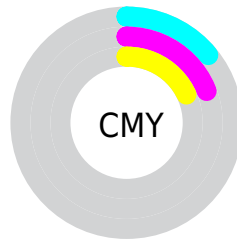
- Red (86%)
- Green (81%)
- Blue (82%)



- Red (86%)
- Yellow (81%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 5.375, 2.655 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, 5.375, 2.655 by changing the saturation by 10% instead.

84, 5.375, 2.655

84, 5.375, 2.655

100, 5.375, 2.655

74, 5.375, 2.655

64, 5.375, 2.655

54, 5.375, 2.655

44, 5.375, 2.655

34, 5.375, 2.655

24, 5.375, 2.655

14, 5.375, 2.655

4, 5.375, 2.655

0, 5.375, 2.655

84, 5.375, 2.655

84, 5.375, 2.655

78, 14.175, 3.779

90, 2.989, 182.056

72, 23.373, 5.033

96, 10.905,
181.142

67, 32.860, 6.537

98, 11.753,
198.721

62, 42.443, 8.384

57, 51.830, 10.695

53, 60.648, 13.622

50, 68.529, 17.319

48, 75.258, 21.878

47, 80.907, 27.171

Harmonies

Complementary

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



84, 5.375, 2.655



87, 5.242, 181.718

Rectangle

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



84, 5.375, 2.655



84, 5.375, 52.655



84, 5.375, 182.655



84, 5.375, 232.655

Sweetspot

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



84, 5.373, 2.671



99, 1.885, 2.044



84, 8.408, 318.561



53, 1.072, 2.018



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, 5.373, 2.671



95, 7.649, 2.859



85, 4.221, 48.995



43, 4.819, 3.008



36, 68.807, 28.094



5, 23.755, 11.016

Inverse Universe

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



84, 5.373, 2.671



95, 7.649, 2.859



86, 4.081, 230.044



43, 4.819, 3.008



36, 68.807, 28.094



5, 23.755, 11.016

Previews

White Background



This preview shows how the CIELCh color 84, 5.375, 2.655 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, 5.375, 2.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

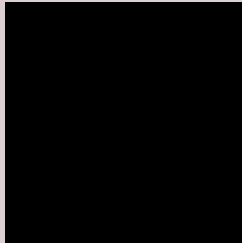
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

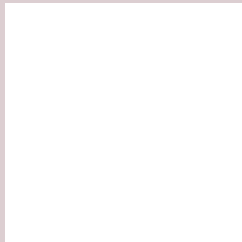
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 5.375, 2.655

Background



This preview shows how black text looks on a background with the CIELCh color 84, 5.375, 2.655.



This preview shows how white text looks on a background with the CIELCh color 84, 5.375, 2.655.

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

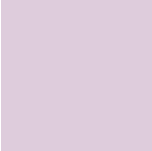
84, 5.375, 2.655

Protanopia

84, 2.115, 349.402

Deuteranopia

84, 10.259, 359.179



Tritanopia
84, 10.686, 328.054

Trichromacy



Original Color

84, 5.375, 2.655

Protanomaly

84, 3.656, 353.938

Deuteranomaly

84, 8.685, 358.752

Tritanomaly

84, 8.233, 335.249

Monochromacy



Original Color

84, 5.375, 2.655

Achromatopsia

85, 0.010, 296.813

Achromatomaly

84, 1.901, 3.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 5.375, 2.655 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(220, 206, 209)` looks like.

```
.text, #text, p{  
    color:rgb(220, 206, 209)  
}
```

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(220, 206, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 206, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 5.375, 2.655 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(220, 206, 209) }
```

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

```
.border{ border-color:rgb(220, 206, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 206, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 206, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 206, 209);  
box-shadow:4px 4px 4px 4px rgb(220, 206,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 5.375, 2.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 206, 209) }
```

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

```
.background{ background-color: rgb(220,  
206, 209) }
```

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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