

Converting Colors

CIELCh(84, 5.166, 96.905)

Have a look what the booklet for
CIELCh(84, 5.166, 96.905) contains.

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Color

CIELCh(84, 4.940, 92.332)

Conversions

Conversions Part 1

Format	Color
Hex	D5D1C8
RGB	213, 209, 200
RGB Percent	84%, 82%, 78%
CMY	0.1638, 0.1795, 0.2148
CMYK	0.00, 0.02, 0.06, 0.16
HSL	42°, 13%, 81%
HSV	42°, 6%, 84%
XYZ	60.8074, 64.0658, 63.9356
YIQ	209.1700, 5.2730, -1.9510

Conversions

Conversions Part 2

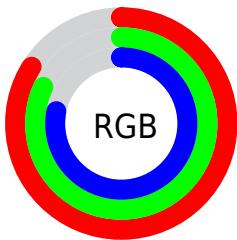
Format	Color
RYB	206, 213, 200
Decimal	14012872
CIELab	84.00, -0.20, 4.94
CIELCh	84, 4.940, 92.332
Yxy	64.0658, 0.3221, 0.3393
Android (android.graphics.Color)	4292202952 (0xFFD5D1C8)
YUV	209.1700, -4.5208, 3.3589
Hunter-Lab	80.0411, -4.4650, 8.6688

Details

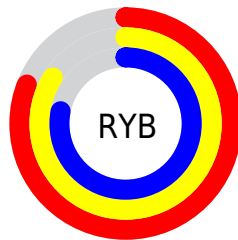
The CIELCh color **84, 4.940, 92.332** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 4.960, 273.954**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 5.125, 96.330** is the 20% darker color. If you saturate the color by 10%, you get **82, 13.180, 91.134**, and if you desaturate by 10%, it is **86, 3.147, 273.682**.

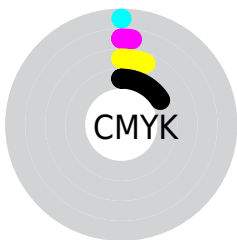
Distribution



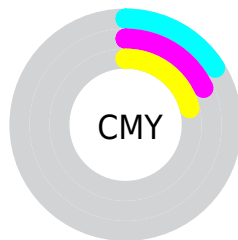
- Red (84%)
- Green (82%)
- Blue (78%)



- Red (81%)
- Yellow (84%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (16%)




- Cyan (16%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 4.940, 92.332 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, 4.940, 92.332 by changing the saturation by 10% instead.



 84, 4.940, 92.332	 84, 4.940, 92.332
 82, 13.180, 91.134	 86, 3.147, 273.682
 80, 21.557, 89.847	 88, 11.086, 274.785
 78, 30.041, 88.517	
 76, 38.561, 87.148	 90, 14.402, 270.002
 74, 46.976, 85.735	 92, 12.380, 254.157
 72, 55.023, 84.257	 94, 11.568, 234.459
 70, 62.244, 82.669	
 68, 67.938, 80.871	 96, 12.184, 214.574
 67, 71.321, 78.710	 97, 13.980, 198.573

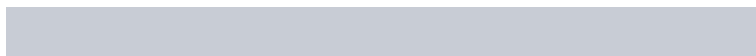
Harmonies

Complementary

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



84, 4.940, 92.332



82, 4.960, 273.954

Rectangle

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



84, 4.940, 92.332



84, 4.940, 142.332



84, 4.940, 272.332



84, 4.940, 322.332

Sweetspot

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



84, 4.941, 92.355



99, 1.859, 92.756



82, 5.265, 355.288



53, 1.057, 92.760



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, 4.941, 92.355



98, 6.566, 92.242



85, 6.876, 116.929



44, 3.699, 92.187



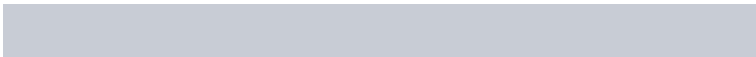
54, 61.309, 78.252



12, 18.513, 81.336

Inverse Universe

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



82, 4.960, 273.954



96, 6.587, 274.077



81, 6.980, 297.787



43, 3.710, 274.137



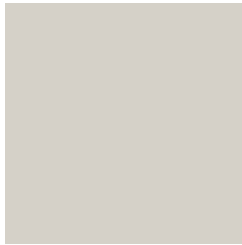
28, 74.970, 297.780



4, 21.739, 285.387

Previews

White Background



This preview shows how the CIELCh color 84, 4.940, 92.332 looks on a white background.

Color Contrast Check

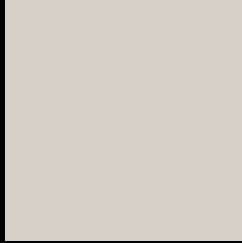
Large Text (above 18pt) WCAG AA × Fail

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, 4.940, 92.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

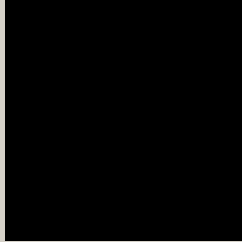
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

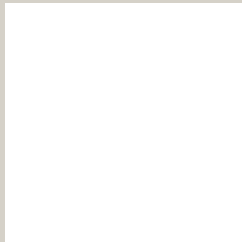
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 4.940, 92.332

Background



This preview shows how black text looks on a background with the CIELCh color 84, 4.940, 92.332.

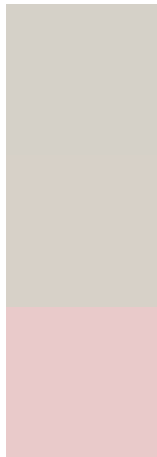


This preview shows how white text looks on a background with the CIELCh color 84, 4.940, 92.332.

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, 4.940, 92.332

Protanopia

84, 5.206, 84.482

Deuteranopia

84, 11.599, 20.247



Tritanopia
84, 9.211, 313.592

Trichromacy



Original Color
84, 4.940, 92.332

Protanomaly
84, 5.060, 88.307

Deuteranomaly
84, 8.107, 34.880

Tritanomaly
84, 4.720, 328.196

Monochromacy



Original Color
84, 4.940, 92.332

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 1.724, 84.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 4.940, 92.332 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(213, 209, 200)` looks like.

```
.text, #text, p{  
    color:rgb(213, 209, 200)  
}
```

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(213, 209, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 209, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 4.940, 92.332 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(213, 209, 200) }
```

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

```
.border{ border-color:rgb(213, 209, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 209, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 209, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 209, 200);  
box-shadow:4px 4px 4px 4px rgb(213, 209,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 4.940, 92.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 209, 200) }
```

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

```
.background{ background-color: rgb(213,  
209, 200) }
```

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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