

Converting Colors

CIELCh(84, 9.179, 87.678)

Have a look what the booklet for
CIELCh(84, 9.179, 87.678) contains.

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Color

CIELCh(84, 9.534, 88.564)

Conversions

Conversions Part 1

Format	Color
Hex	DAD1C0
RGB	218, 209, 192
RGB Percent	85%, 82%, 75%
CMY	0.1465, 0.1818, 0.2484
CMYK	0.00, 0.04, 0.12, 0.15
HSL	39°, 26%, 80%
HSV	39°, 12%, 85%
XYZ	60.9939, 64.0658, 58.8160
YIQ	209.7530, 10.8210, -3.3790

Conversions

Conversions Part 2

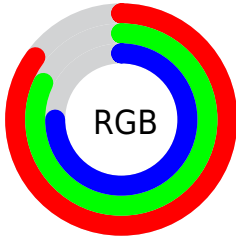
Format	Color
R_{YB}	206, 218, 192
Decimal	14340544
CIE _{Lab}	84.00, 0.24, 9.53
CIE _{LCh}	84, 9.534, 88.564
Yxy	64.0658, 0.3317, 0.3484
Android (android.graphics.Color)	4292530624 (0xFFDAD1C0)
YUV	209.7530, -8.7522, 7.2326
Hunter-Lab	80.0411, -4.0491, 12.4611

Details

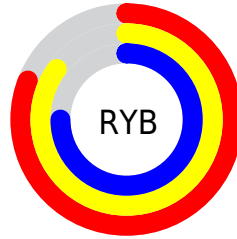
The CIELCh color **84, 9.534, 88.564** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 9.505, 271.731**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **64, 9.432, 89.296** is the 20% darker color. If you saturate the color by 10%, you get **82, 17.728, 87.288**, and if you desaturate by 10%, it is **86, 1.525, 89.689**.

Distribution



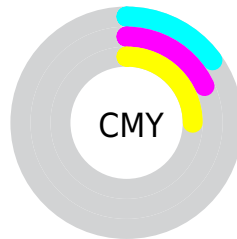
- Red (85%)
- Green (82%)
- Blue (75%)



- Red (81%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 9.534, 88.564 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, 9.534, 88.564 by changing the saturation by 10% instead.

■ 84, 9.534, 88.564

■ 84, 9.534, 88.564

■ 100, 9.534, 88.564

■ 74, 9.534, 88.564

■ 64, 9.534, 88.564

■ 54, 9.534, 88.564

■ 44, 9.534, 88.564

■ 34, 9.534, 88.564

■ 24, 9.534, 88.564

■ 14, 9.534, 88.564

■ 4, 9.534, 88.564

■ 0, 9.534, 88.564

84, 9.534, 88.564	84, 9.534, 88.564
82, 17.728, 87.288	86, 1.525, 89.689
79, 26.090, 85.949	89, 6.304, 271.116
77, 34.581, 84.569	91, 13.023, 270.666
75, 43.105, 83.144	
73, 51.475, 81.659	93, 10.833, 249.922
71, 59.336, 80.069	95, 10.513, 224.147
69, 66.084, 78.283	
67, 70.876, 76.136	97, 12.169, 201.535
65, 73.195, 74.100	97, 12.565, 198.667

Harmonies

Complementary

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



84, 9.534, 88.564



81, 9.505, 271.731

Rectangle

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



84, 9.534, 88.564



84, 9.534, 138.564



84, 9.534, 268.564



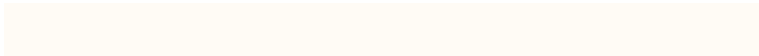
84, 9.534, 318.564

Sweetspot

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



84, 9.535, 88.577



99, 3.592, 89.520



80, 10.790, 353.681



53, 2.556, 89.439



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, 9.535, 88.577



96, 12.745, 88.301



86, 13.644, 115.173



45, 4.546, 88.889



53, 61.785, 74.601



13, 19.335, 77.261

Inverse Universe

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



81, 9.505, 271.731



92, 12.689, 272.053



79, 14.009, 297.013



43, 4.539, 271.378



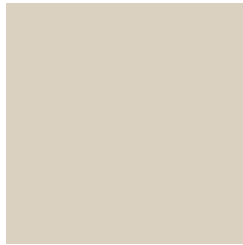
30, 71.431, 295.703



5, 22.320, 284.791

Previews

White Background



This preview shows how the CIELCh color 84, 9.534, 88.564 looks on a white background.

Color Contrast Check

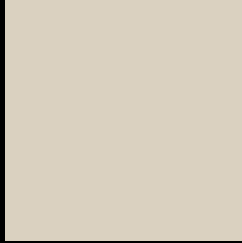
Large Text (above 18pt) WCAG AA × Fail

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, 9.534, 88.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

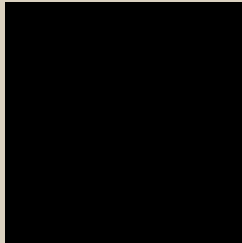
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

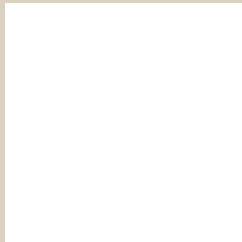
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 9.534, 88.564

Background



This preview shows how black text looks on a background with the CIELCh color 84, 9.534, 88.564.

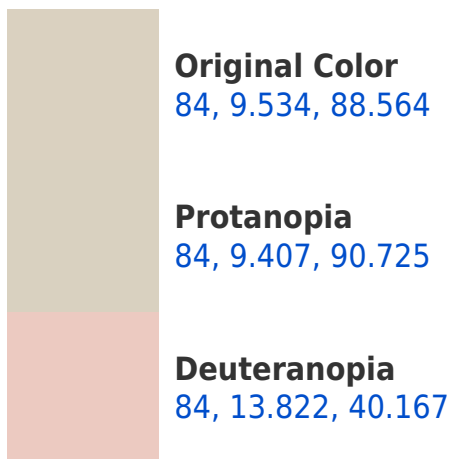


This preview shows how white text looks on a background with the CIELCh color 84, 9.534, 88.564.

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, 10.686, 328.054

Trichromacy



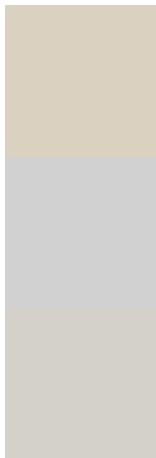
Original Color
84, 9.534, 88.564

Protanomaly
84, 9.407, 90.725

Deuteranomaly
84, 11.120, 51.159

Tritanomaly
84, 5.549, 357.461

Monochromacy



Original Color
84, 9.534, 88.564

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 3.325, 90.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 9.534, 88.564 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(218, 209, 192)` looks like.

```
.text, #text, p{  
    color:rgb(218, 209, 192)  
}
```

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(218, 209, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 209, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 9.534, 88.564 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(218, 209, 192) }
```

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

```
.border{ border-color:rgb(218, 209, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 209, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 209, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 209, 192);  
box-shadow:4px 4px 4px 4px rgb(218, 209,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 9.534, 88.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 209, 192) }
```

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

```
.background{ background-color: rgb(218,  
209, 192) }
```

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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