

Converting Colors

CIELCh(84, 14.039, 88.225)

Have a look what the booklet for
CIELCh(84, 14.039, 88.225) contains.

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Color

CIELCh(84, 14.039, 88.225)

Conversions

Conversions Part 1

Format	Color
Hex	DDD0B7
RGB	221, 208, 183
RGB Percent	87%, 82%, 72%
CMY	0.1324, 0.1834, 0.2814
CMYK	0.00, 0.06, 0.17, 0.13
HSL	39°, 36%, 79%
HSV	39°, 17%, 87%
XYZ	61.0771, 64.0658, 54.0734
YIQ	209.0370, 15.7730, -5.0190

Conversions

Conversions Part 2

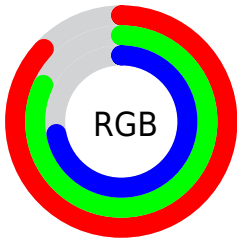
Format	Color
RYB	203, 221, 183
Decimal	14536887
CIELab	84.00, 0.43, 14.03
CIELCh	84, 14.039, 88.225
Yxy	64.0658, 0.3408, 0.3575
Android (android.graphics.Color)	4292726967 (0xFFDDD0B7)
YUV	209.0370, -12.8362, 10.4916
Hunter-Lab	80.0411, -3.8637, 15.9742

Details

The CIELCh color **84, 14.039, 88.225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 13.968, 272.845**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **64, 14.206, 88.413** is the 20% darker color. If you saturate the color by 10%, you get **82, 22.461, 86.918**, and if you desaturate by 10%, it is **86, 5.796, 89.489**.

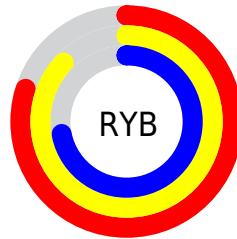
Distribution



Red (87%)

Green (82%)

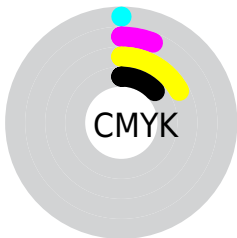
Blue (72%)



Red (80%)

Yellow (87%)

Blue (72%)

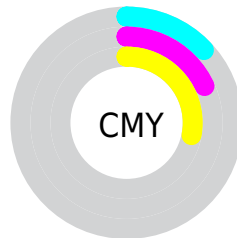


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (13%)



Cyan (13%)

Magenta (18%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 14.039, 88.225 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, 14.039, 88.225 by changing the saturation by 10% instead.

 84, 14.039, 88.225

 84, 14.039, 88.225

 100, 14.039,
88.225

 74, 14.039, 88.225

 64, 14.039, 88.225

 54, 14.039, 88.225

 44, 14.039, 88.225



















 34, 14.039, 88.225

 24, 14.039, 88.225

 14, 14.039, 88.225

 4, 14.039, 88.225

 0, 14.039, 88.225

 84, 14.039, 88.225	 84, 14.039, 88.225
 82, 22.461, 86.918	 86, 5.796, 89.489
 79, 31.031, 85.558	 89, 2.265, 270.887
 77, 39.683, 84.156	 91, 10.150, 271.981
 75, 48.276, 82.703	
 73, 56.537, 81.172	 93, 10.187, 255.990
 71, 63.979, 79.498	 95, 9.451, 228.070
 69, 69.845, 77.554	 97, 10.946, 202.429
 67, 73.331, 75.154	
 66, 74.106, 74.445	 98, 11.400, 198.745

Harmonies

Complementary

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



84, 14.039, 88.225



79, 13.968, 272.845

Rectangle

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



84, 14.039, 88.225



84, 14.039, 138.225



84, 14.039, 268.225



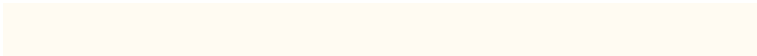
84, 14.039, 318.225

Sweetspot

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



84, 14.040, 88.235



99, 4.516, 89.737



78, 15.870, 354.253



52, 3.084, 89.657



0, 0.000, 0.000



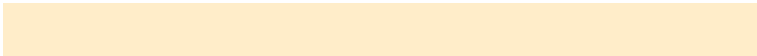
53, 0.007, 296.813

Same Dimension

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



84, 14.040, 88.235



94, 19.346, 87.715



87, 19.864, 114.777



45, 4.564, 89.216



53, 61.792, 74.973



13, 19.384, 77.681

Inverse Universe

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



79, 13.968, 272.845



87, 19.213, 273.497



76, 20.632, 297.491



43, 4.559, 271.699



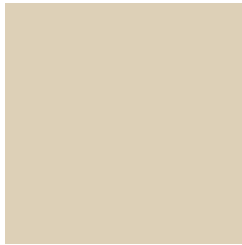
30, 71.892, 295.934



5, 22.419, 284.984

Previews

White Background



This preview shows how the CIELCh color 84, 14.039, 88.225 looks on a white background.

Color Contrast Check

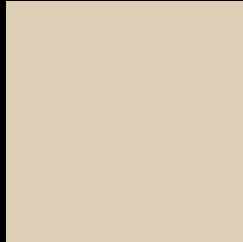
Large Text (above 18pt) WCAG AA × Fail

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, 14.039, 88.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

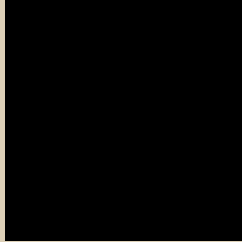
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

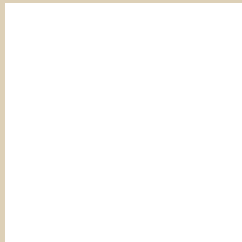
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 14.039, 88.225

Background



This preview shows how black text looks on a background with the CIELCh color 84, 14.039, 88.225.

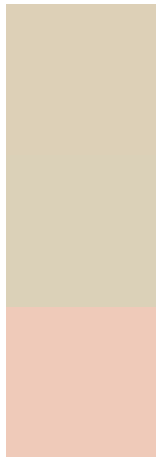


This preview shows how white text looks on a background with the CIELCh color 84, 14.039, 88.225.

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, 14.039, 88.225

Protanopia

84, 13.657, 92.777

Deuteranopia

84, 16.962, 51.818



Tritanopia
84, 11.882, 335.132

Trichromacy



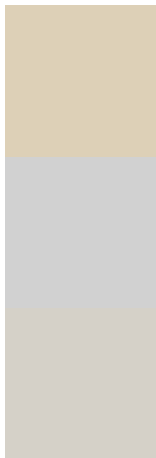
Original Color
84, 14.039, 88.225

Protanomaly
84, 13.770, 91.237

Deuteranomaly
84, 15.418, 62.664

Tritanomaly
84, 7.035, 15.587

Monochromacy



Original Color
84, 14.039, 88.225

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 4.940, 92.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 14.039, 88.225 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(221, 208, 183)` looks like.

```
.text, #text, p{  
    color:rgb(221, 208, 183)  
}
```

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(221, 208, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 208, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 14.039, 88.225 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(221, 208, 183) }
```

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

```
.border{ border-color:rgb(221, 208, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 208, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 208, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 208, 183); box-shadow:4px 4px 4px 4px rgb(221, 208, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 14.039, 88.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 208, 183) }
```

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

```
.background{ background-color: rgb(221,  
208, 183) }
```

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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