

Converting Colors

CIELCh(82, 14.692, 84.450)

Have a look what the booklet for
CIELCh(82, 14.692, 84.450) contains.

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Color

CIELCh(82, 14.582, 83.867)

Conversions

Conversions Part 1

Format	Color
Hex	DACAB1
RGB	218, 202, 177
RGB Percent	85%, 79%, 69%
CMY	0.1452, 0.2080, 0.3060
CMYK	0.00, 0.07, 0.19, 0.15
HSL	37°, 36%, 77%
HSV	37°, 19%, 85%
XYZ	57.9481, 60.2982, 50.1623
YIQ	203.9340, 17.5610, -4.3830

Conversions

Conversions Part 2

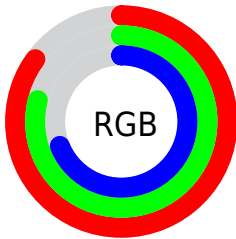
Format	Color
R _Y B	203, 218, 177
Decimal	14338737
CIE Lab	82.00, 1.56, 14.50
CIE LCh	82, 14.582, 83.867
Yxy	60.2982, 0.3441, 0.3580
Android (android.graphics.Color)	4292528817 (0xFFDACAB1)
YUV	203.9340, -13.2785, 12.3359
Hunter-Lab	77.6519, -2.6844, 16.0557

Details

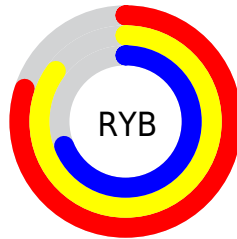
The CIELCh color $82, 14.582, 83.867$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 14.328, 269.041$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 11.136, 109.335$, and $62, 14.810, 83.757$ is the 20% darker color. If you saturate the color by 10%, you get $79, 22.663, 82.542$, and if you desaturate by 10%, it is $85, 6.727, 85.156$.

Distribution



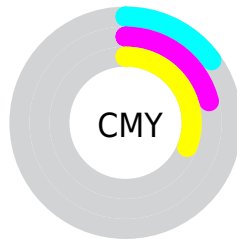
- Red (85%)
- Green (79%)
- Blue (69%)



- Red (80%)
- Yellow (85%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 14.582, 83.867 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 82, 14.582, 83.867 by changing the saturation by 10% instead.

■ 82, 14.582, 83.867

■ 82, 14.582, 83.867

■ 100, 14.582,
83.867

■ 72, 14.582, 83.867

■ 62, 14.582, 83.867

■ 52, 14.582, 83.867

■ 42, 14.582, 83.867

■ 32, 14.582, 83.867

■ 22, 14.582, 83.867

■ 12, 14.582, 83.867

■ 2, 14.582, 83.867

■ 0, 14.582, 83.867

82, 14.582, 83.867

82, 14.582, 83.867

79, 22.663, 82.542

85, 6.727, 85.156

77, 30.949, 81.166

87, 0.907, 266.793

74, 39.384, 79.748

90, 8.331, 267.710

72, 47.835, 78.277

93, 11.405,
258.911

70, 56.034, 76.711

95, 10.305,
230.687

67, 63.487, 74.964

65, 69.398, 72.864

97, 11.802,
203.735

63, 73.090, 70.229

97, 12.460,
198.674

63, 73.494, 69.915

Harmonies

Complementary

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



82, 14.582, 83.867



78, 14.328, 269.041

Rectangle

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



82, 14.582, 83.867



82, 14.582, 133.867



82, 14.582, 263.867



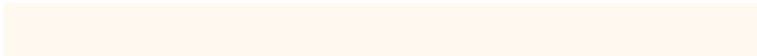
82, 14.582, 313.867

Sweetspot

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



82, 14.583, 83.877



98, 5.180, 85.487



76, 17.678, 351.200



52, 3.440, 85.410



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 14.583, 83.877



93, 20.385, 83.295



86, 21.394, 112.574



45, 4.361, 85.078



51, 61.917, 70.476



12, 18.865, 72.441

Inverse Universe

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



78, 14.328, 269.041



87, 19.932, 269.795



74, 22.328, 295.855



43, 4.332, 267.613



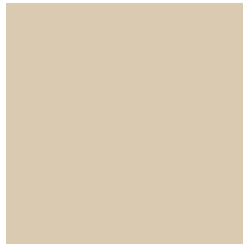
32, 66.275, 292.907



6, 21.175, 282.390

Previews

White Background



This preview shows how the CIELCh color 82, 14.582, 83.867 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 82, 14.582, 83.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

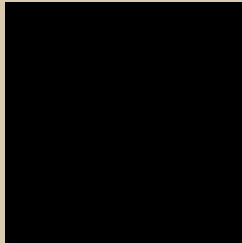
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

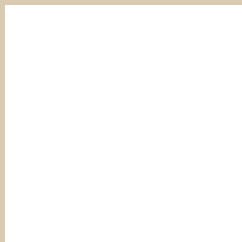
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 14.582, 83.867

Background



This preview shows how black text looks on a background with the CIELCh color 82, 14.582, 83.867.

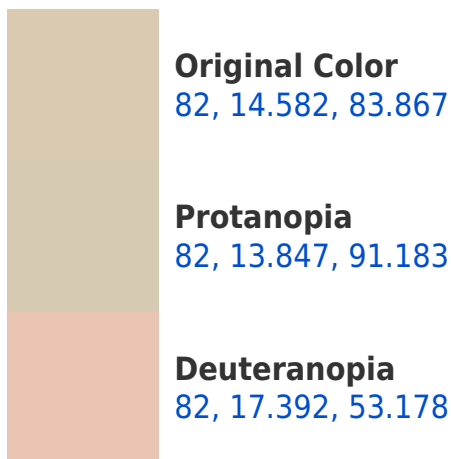



This preview shows how white text looks on a background with the CIELCh color 82, 14.582, 83.867.

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](#).

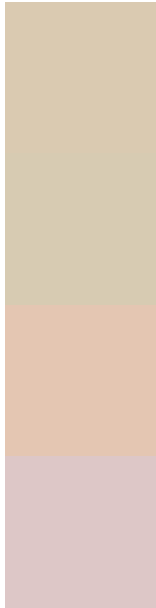
Dichromacy





Tritanopia
82, 12.400, 340.608

Trichromacy



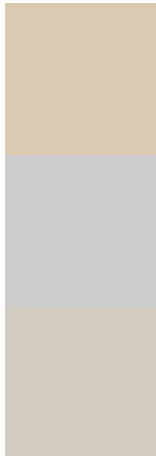
Original Color
82, 14.582, 83.867

Protanomaly
82, 13.971, 89.666

Deuteranomaly
82, 15.815, 61.646

Tritanomaly
82, 8.203, 19.973

Monochromacy



Original Color
82, 14.582, 83.867

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 5.235, 84.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 14.582, 83.867 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, 202, 177)` looks like.

```
.text, #text, p{  
    color:rgb(218, 202, 177)  
}
```

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, 202, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 202, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 14.582, 83.867 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, 202, 177) }
```

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

```
.border{ border-color:rgb(218, 202, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 202, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 202, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 202, 177); box-shadow:4px 4px 4px 4px rgb(218, 202, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 14.582, 83.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 202, 177) }
```

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

```
.background{ background-color: rgb(218,  
202, 177) }
```

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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