

Converting Colors

CIELCh(84, 14.687, 88.845)

Have a look what the booklet for
CIELCh(84, 14.687, 88.845) contains.

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Color

CIELCh(84, 14.534, 88.883)

Conversions

Conversions Part 1

Format	Color
Hex	DDD0B6
RGB	221, 208, 182
RGB Percent	87%, 82%, 71%
CMY	0.1321, 0.1831, 0.2851
CMYK	0.00, 0.06, 0.18, 0.13
HSL	40°, 37%, 79%
HSV	40°, 18%, 87%
XYZ	61.0127, 64.0658, 53.5639
YIQ	208.9230, 16.0940, -5.3300

Conversions

Conversions Part 2

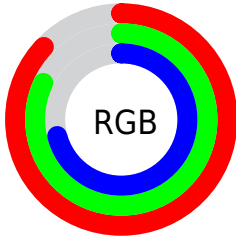
Format	Color
R _Y B	202, 221, 182
Decimal	14536886
CIE Lab	84.00, 0.28, 14.53
CIE LCh	84, 14.534, 88.883
Yxy	64.0658, 0.3415, 0.3586
Android (android.graphics.Color)	4292726966 (0xFFDDD0B6)
YUV	208.9230, -13.2730, 10.5915
Hunter-Lab	80.0411, -4.0071, 16.3516

Details

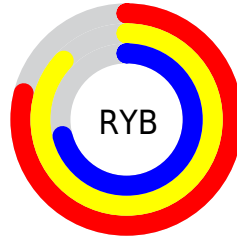
The CIELCh color $84, 14.534, 88.883$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $79, 14.484, 273.612$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 8.605, 109.524$, and $64, 14.730, 89.061$ is the 20% darker color. If you saturate the color by 10%, you get $82, 23.020, 87.578$, and if you desaturate by 10%, it is $86, 6.217, 90.147$.

Distribution



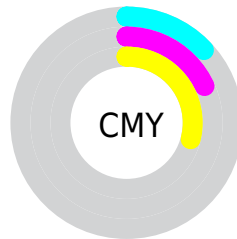
- Red (87%)
- Green (82%)
- Blue (71%)



- Red (79%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (6%)
- Yellow (18%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 14.534, 88.883 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, 14.534, 88.883 by changing the saturation by 10% instead.

 84, 14.534, 88.883

 84, 14.534, 88.883

 100, 14.534,
88.883

 74, 14.534, 88.883

 64, 14.534, 88.883

 54, 14.534, 88.883

 44, 14.534, 88.883

 34, 14.534, 88.883

 24, 14.534, 88.883

 14, 14.534, 88.883

 4, 14.534, 88.883

 0, 14.534, 88.883

84, 14.534, 88.883

84, 14.534, 88.883

82, 23.020, 87.578

86, 6.217, 90.147

79, 31.641, 86.221

89, 1.926, 271.556

77, 40.325, 84.822

91, 9.897, 272.629

75, 48.921, 83.372

93, 10.355,
258.384

73, 57.145, 81.845

95, 9.400, 231.575

71, 64.493, 80.176

97, 10.596,
205.619

69, 70.198, 78.239

67, 73.508, 75.865

98, 11.380,
198.746

67, 74.142, 75.281

Harmonies

Complementary

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



84, 14.534, 88.883



79, 14.484, 273.612

Rectangle

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



84, 14.534, 88.883



84, 14.534, 138.883



84, 14.534, 268.883



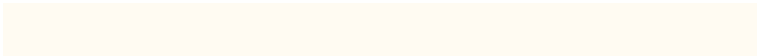
84, 14.534, 318.883

Sweetspot

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



84, 14.535, 88.892



99, 4.556, 90.448



78, 16.163, 355.420



52, 3.111, 90.368



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, 14.535, 88.892



94, 19.500, 88.433



87, 20.416, 115.428



45, 4.603, 89.928



53, 61.817, 75.796



13, 19.497, 78.601

Inverse Universe

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



79, 14.484, 273.612



87, 19.410, 274.189



76, 21.219, 298.134



43, 4.603, 272.399



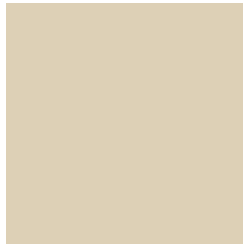
30, 72.909, 296.433



5, 22.637, 285.399

Previews

White Background



This preview shows how the CIELCh color 84, 14.534, 88.883 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, 14.534, 88.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

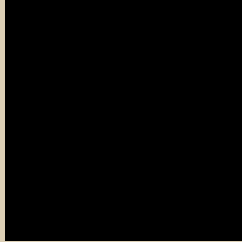
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

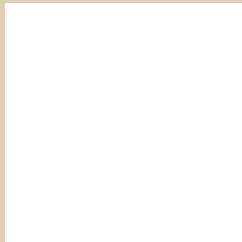
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 14.534, 88.883

Background



This preview shows how black text looks on a background with the CIELCh color 84, 14.534, 88.883.

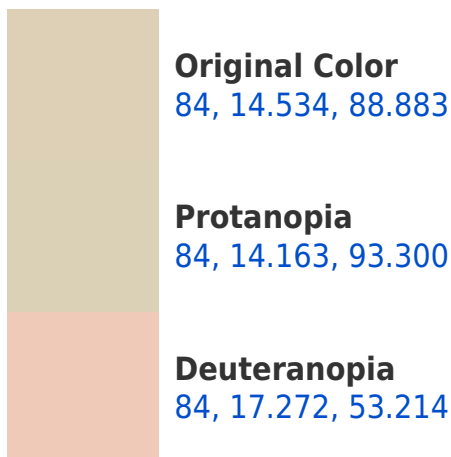


This preview shows how white text looks on a background with the CIELCh color 84, 14.534, 88.883.

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](#).

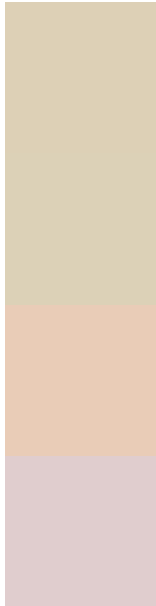
Dichromacy





Tritanopia
84, 11.882, 335.132

Trichromacy



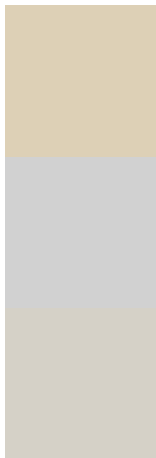
Original Color
84, 14.534, 88.883

Protanomaly
84, 14.272, 91.808

Deuteranomaly
84, 15.800, 63.964

Tritanomaly
84, 7.035, 15.587

Monochromacy



Original Color
84, 14.534, 88.883

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 5.445, 93.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 14.534, 88.883 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(221, 208, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 208, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 14.534, 88.883 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, 182) }
```

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

```
.border{ border-color:rgb(221, 208, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 208, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 208, 182);  
box-shadow:4px 4px 4px 4px rgb(221, 208,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 14.534, 88.883 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, 182) }
```

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

```
.background{ background-color: rgb(221,  
208, 182) }
```

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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