

Converting Colors

CIELCh(84, 16.517, 93.078)

Have a look what the booklet for
CIELCh(84, 16.517, 93.078) contains.

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Color

CIELCh(84, 16.294, 93.707)

Conversions

Conversions Part 1

Format	Color
Hex	DCD1B3
RGB	220, 209, 179
RGB Percent	86%, 82%, 70%
CMY	0.1373, 0.1804, 0.2981
CMYK	0.00, 0.05, 0.19, 0.14
HSL	44°, 37%, 78%
HSV	44°, 19%, 86%
XYZ	60.4472, 64.0658, 51.8237
YIQ	208.8690, 16.1860, -6.9980

Conversions

Conversions Part 2

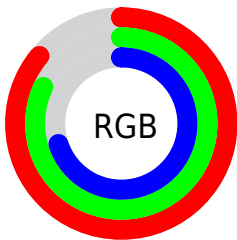
Format	Color
RYB	194, 220, 179
Decimal	14471603
CIELab	84.00, -1.05, 16.26
CIELCh	84, 16.294, 93.707
Yxy	64.0658, 0.3428, 0.3633
Android (android.graphics.Color)	4292661683 (0xFFDCD1B3)
YUV	208.8690, -14.7254, 9.7619
Hunter-Lab	80.0411, -5.2683, 17.6406

Details

The CIELCh color **84, 16.294, 93.707** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **77, 16.447, 278.525**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 10.124, 109.411**, and **64, 16.589, 93.979** is the 20% darker color. If you saturate the color by 10%, you get **82, 25.194, 92.448**, and if you desaturate by 10%, it is **86, 7.494, 94.932**.

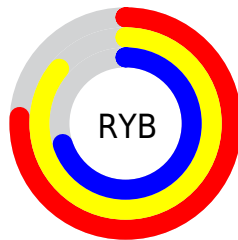
Distribution



Red (86%)

Green (82%)

Blue (70%)



Red (76%)

Yellow (86%)

Blue (70%)

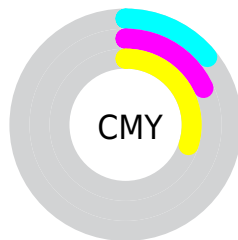


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 16.294, 93.707 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, 16.294, 93.707 by changing the saturation by 10% instead.

84, 16.294, 93.707

84, 16.294, 93.707

100, 16.294,
93.707

74, 16.294, 93.707

64, 16.294, 93.707

54, 16.294, 93.707

44, 16.294, 93.707

34, 16.294, 93.707

24, 16.294, 93.707

14, 16.294, 93.707

4, 16.294, 93.707

0, 16.294, 93.707

84, 16.294, 93.707

84, 16.294, 93.707

82, 25.194, 92.448

86, 7.494, 94.932

80, 34.137, 91.143

88, 1.186, 276.329

78, 43.022, 89.804

90, 9.737, 277.314

77, 51.659, 88.427

92, 12.249,
270.852

75, 59.711, 86.995

93, 10.421,
254.129

73, 66.627, 85.464

72, 71.647, 83.747

95, 9.749, 233.097

70, 74.248, 81.741

96, 10.438,
212.228

70, 74.539, 81.462

98, 11.805,
198.717

Harmonies

Complementary

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



84, 16.294, 93.707



77, 16.447, 278.525

Rectangle

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



84, 16.294, 93.707



84, 16.294, 143.707



84, 16.294, 273.707



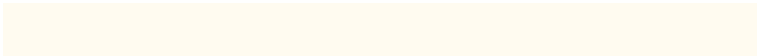
84, 16.294, 323.707

Sweetspot

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



84, 16.295, 93.715



99, 5.855, 95.232



77, 16.650, 358.999



52, 3.886, 95.157



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, 16.295, 93.715



95, 21.735, 93.270



86, 21.593, 117.398



45, 4.917, 94.838



56, 62.478, 81.859



14, 20.486, 85.056

Inverse Universe

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



77, 16.447, 278.525



86, 21.976, 279.091



75, 22.459, 300.015



43, 4.947, 277.202



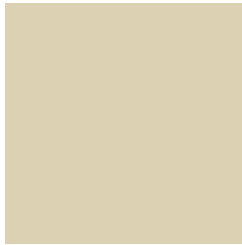
27, 80.274, 299.689



4, 24.153, 288.038

Previews

White Background



This preview shows how the CIELCh color 84, 16.294, 93.707 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, 16.294, 93.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

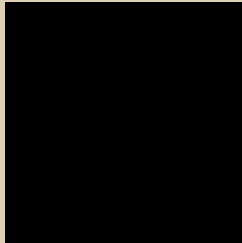
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

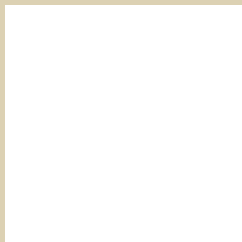
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 16.294, 93.707

Background



This preview shows how black text looks on a background with the CIELCh color 84, 16.294, 93.707.

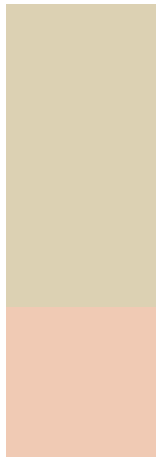


This preview shows how white text looks on a background with the CIELCh color 84, 16.294, 93.707.

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, 16.294, 93.707

Protanopia

84, 16.294, 93.707

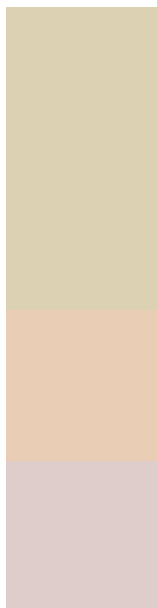
Deuteranopia

84, 18.929, 57.560



Tritanopia
84, 11.631, 333.828

Trichromacy



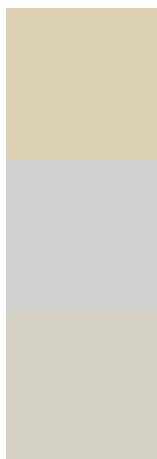
Original Color
84, 16.294, 93.707

Protanomaly
84, 16.294, 93.707

Deuteranomaly
84, 17.123, 69.554

Tritanomaly
84, 6.681, 24.322

Monochromacy



Original Color
84, 16.294, 93.707

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 5.953, 95.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 16.294, 93.707 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(220, 209, 179)` looks like.

```
.text, #text, p{  
    color:rgb(220, 209, 179)  
}
```

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(220, 209, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 209, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 16.294, 93.707 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(220, 209, 179) }
```

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

```
.border{ border-color:rgb(220, 209, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 209, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 209, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 209, 179);  
box-shadow:4px 4px 4px 4px rgb(220, 209,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 16.294, 93.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 209, 179) }
```

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

```
.background{ background-color: rgb(220,  
209, 179) }
```

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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