

Converting Colors

CIELCh(84, 16.701, 96.122)

Have a look what the booklet for
CIELCh(84, 16.701, 96.122) contains.

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Color

CIELCh(84, 16.707, 95.394)

Conversions

Conversions Part 1

Format	Color
Hex	DBD1B2
RGB	219, 209, 178
RGB Percent	86%, 82%, 70%
CMY	0.1401, 0.1793, 0.3009
CMYK	0.00, 0.05, 0.19, 0.14
HSL	45°, 36%, 78%
HSV	45°, 19%, 86%
XYZ	60.2294, 64.0658, 51.4531
YIQ	208.4560, 15.9110, -7.5210

Conversions

Conversions Part 2

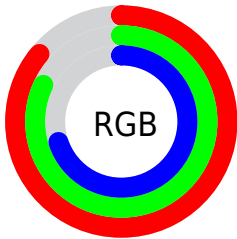
Format	Color
RYB	191, 219, 178
Decimal	14406066
CIELab	84.00, -1.57, 16.63
CIELCh	84, 16.707, 95.394
Yxy	64.0658, 0.3427, 0.3645
Android (android.graphics.Color)	4292596146 (0xFFDDBD1B2)
YUV	208.4560, -15.0148, 9.2471
Hunter-Lab	80.0411, -5.7541, 17.9152

Details

The CIELCh color $84, 16.707, 95.394$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $77, 16.938, 280.143$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 10.630, 109.373$, and $64, 17.028, 95.713$ is the 20% darker color. If you saturate the color by 10%, you get $82, 25.764, 94.159$, and if you desaturate by 10%, it is $86, 7.725, 96.598$.

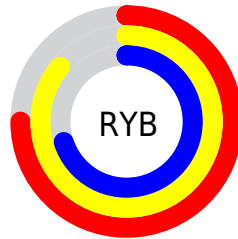
Distribution



Red (86%)

Green (82%)

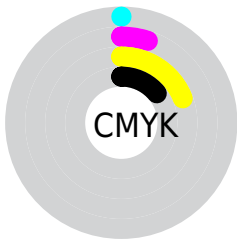
Blue (70%)



Red (75%)

Yellow (86%)

Blue (70%)

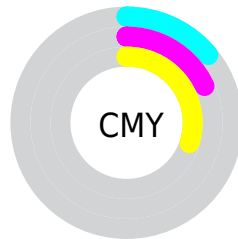


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 16.707, 95.394 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, 16.707, 95.394 by changing the saturation by 10% instead.

 84, 16.707, 95.394

 84, 16.707, 95.394

 100, 16.707,
95.394

 74, 16.707, 95.394

 64, 16.707, 95.394

 54, 16.707, 95.394

 44, 16.707, 95.394

 34, 16.707, 95.394

 24, 16.707, 95.394

 14, 16.707, 95.394

 4, 16.707, 95.394

 0, 16.707, 95.394

84, 16.707, 95.394

84, 16.707, 95.394

82, 25.764, 94.159

86, 7.725, 96.598

80, 34.834, 92.882

88, 1.156, 277.961

79, 43.805, 91.576

90, 9.924, 278.934

77, 52.477, 90.240

91, 13.089,
274.193

76, 60.499, 88.861

93, 11.183,
260.741

74, 67.317, 87.406

73, 72.185, 85.805

94, 10.093,
243.313

71, 74.630, 83.970

95, 10.071,
224.006

71, 74.887, 83.728

97, 11.106,
206.606

98, 12.035,

Harmonies

Complementary

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



84, 16.707, 95.394



77, 16.938, 280.143

Rectangle

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



84, 16.707, 95.394



84, 16.707, 145.394



84, 16.707, 275.394



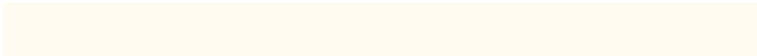
84, 16.707, 325.394

Sweetspot

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



84, 16.708, 95.402



99, 6.007, 96.901



77, 16.447, 1.403



53, 3.987, 96.827



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, 16.708, 95.402



95, 22.255, 94.973



86, 21.706, 118.738



45, 5.043, 96.513



57, 62.933, 84.079



14, 20.919, 87.288

Inverse Universe

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



77, 16.938, 280.143



85, 22.620, 280.691



75, 22.552, 301.209



43, 5.084, 278.832



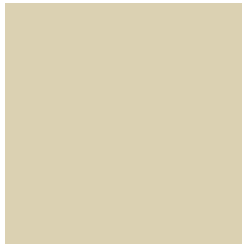
26, 82.891, 300.716



4, 24.674, 288.852

Previews

White Background



This preview shows how the CIELCh color 84, 16.707, 95.394 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, 16.707, 95.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

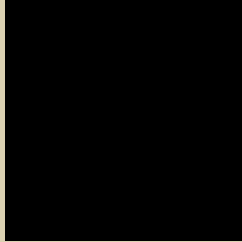
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

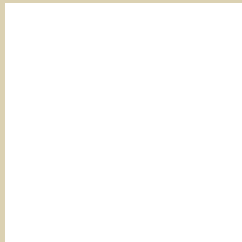
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 16.707, 95.394

Background



This preview shows how black text looks on a background with the CIELCh color 84, 16.707, 95.394.

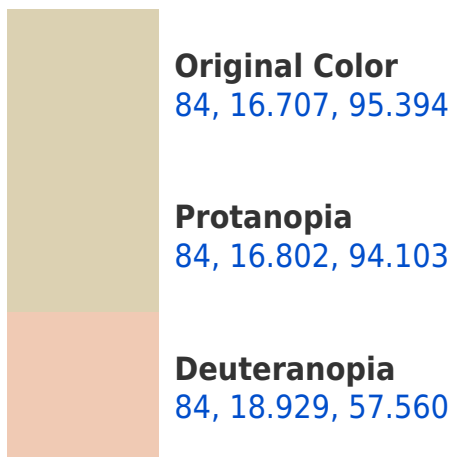


This preview shows how white text looks on a background with the CIELCh color 84, 16.707, 95.394.

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](#).

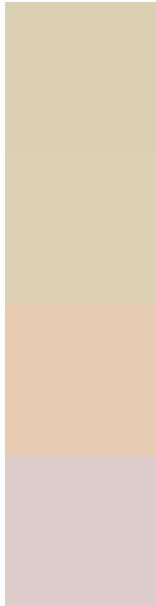
Dichromacy





Tritanopia
84, 11.631, 333.828

Trichromacy



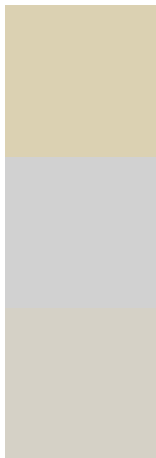
Original Color
84, 16.707, 95.394

Protanomaly
84, 16.802, 94.103

Deuteranomaly
84, 17.296, 71.570

Tritanomaly
84, 6.681, 24.322

Monochromacy



Original Color
84, 16.707, 95.394

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, 16.707, 95.394 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(219, 209, 178)` looks like.

```
.text, #text, p{  
    color:rgb(219, 209, 178)  
}
```

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(219, 209, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 209, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 16.707, 95.394 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(219, 209, 178) }
```

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

```
.border{ border-color:rgb(219, 209, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 209, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 209, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 209, 178);  
box-shadow:4px 4px 4px 4px rgb(219, 209,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 16.707, 95.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 209, 178) }
```

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

```
.background{ background-color: rgb(219,  
209, 178) }
```

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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