

Converting Colors

CIELCh(78, 17.007, 74.207)

Have a look what the booklet for
CIELCh(78, 17.007, 74.207) contains.

CIELCh(78, 16.874, 74.586)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 16.874, 74.586)

Conversions

Conversions Part 1

Format	Color
Hex	D5BDA3
RGB	213, 189, 163
RGB Percent	84%, 74%, 64%
CMY	0.1645, 0.2586, 0.3606
CMYK	0.00, 0.11, 0.23, 0.16
HSL	31°, 37%, 74%
HSV	31°, 23%, 84%
XYZ	52.2746, 53.2120, 42.1852
YIQ	193.2120, 22.6500, -2.9980

Conversions

Conversions Part 2

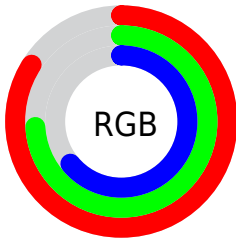
Format	Color
R _Y B	209, 213, 163
Decimal	14007715
CIE Lab	78.00, 4.48, 16.27
CIE LCh	78, 16.874, 74.586
Yxy	53.2120, 0.3540, 0.3603
Android (android.graphics.Color)	4292197795 (0xFFD5BDA3)
YUV	193.2120, -14.8945, 17.3541
Hunter-Lab	72.9466, 0.2593, 16.7750

Details

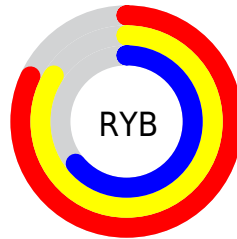
The CIELCh color $78, 16.874, 74.586$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $75, 15.969, 261.080$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 14.231, 94.062$, and $58, 17.090, 75.068$ is the 20% darker color. If you saturate the color by 10%, you get $75, 24.599, 73.308$, and if you desaturate by 10%, it is $81, 9.474, 75.852$.

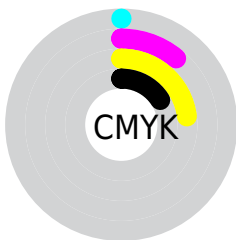
Distribution



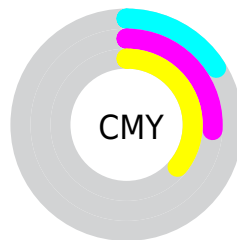
- Red (84%)
- Green (74%)
- Blue (64%)



- Red (82%)
- Yellow (84%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (23%)
- Black (16%)



- Cyan (16%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 16.874, 74.586 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 78, 16.874, 74.586 by changing the saturation by 10% instead.

■ 78, 16.874, 74.586

■ 78, 16.874, 74.586

■ 100, 16.874,
74.586

■ 68, 16.874, 74.586

■ 98, 16.874, 74.586

■ 58, 16.874, 74.586

■ 48, 16.874, 74.586

■ 38, 16.874, 74.586

■ 28, 16.874, 74.586

■ 18, 16.874, 74.586

■ 8, 16.874, 74.586

■ 0, 16.874, 74.586

■ 78, 16.874, 74.586

■ 78, 16.874, 74.586

75, 24.599, 73.308

81, 9.474, 75.852

72, 32.643, 72.000

84, 2.384, 76.984

69, 40.955, 70.668

87, 4.420, 258.438

66, 49.402, 69.285

91, 10.966,
259.566

64, 57.687, 67.783

93, 11.695,
239.980

61, 65.229, 66.009

59, 71.089, 63.679

96, 12.649,
209.490

58, 73.976, 61.888

97, 14.035,
198.570

Harmonies

Complementary

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



78, 16.874, 74.586



75, 15.969, 261.080

Rectangle

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



78, 16.874, 74.586



78, 16.874, 124.586



78, 16.874, 254.586



78, 16.874, 304.586

Sweetspot

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



78, 16.874, 74.595



97, 5.616, 76.618



72, 22.850, 346.690



52, 3.654, 76.548



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 16.874, 74.595



90, 23.541, 73.978



84, 26.067, 108.627



43, 3.974, 76.343



47, 62.589, 62.505



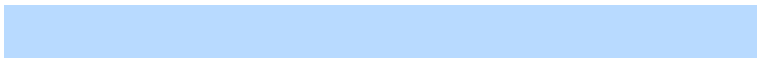
10, 17.057, 61.671

Inverse Universe

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



75, 15.969, 261.080



86, 21.995, 261.981



69, 27.543, 293.482



43, 3.899, 258.861



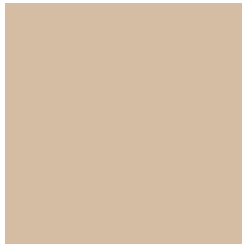
36, 55.352, 285.707



6, 17.696, 274.766

Previews

White Background



This preview shows how the CIELCh color 78, 16.874, 74.586 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 78, 16.874, 74.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

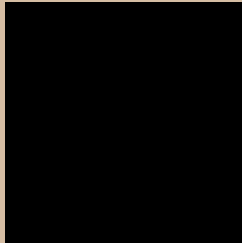
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

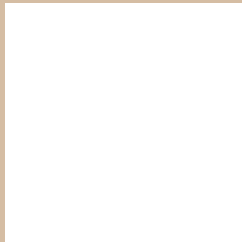
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 16.874, 74.586

Background



This preview shows how black text looks on a background with the CIELCh color 78, 16.874, 74.586.



This preview shows how white text looks on a background with the CIELCh color 78, 16.874, 74.586.

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

78, 16.874, 74.586

Protanopia

78, 15.017, 92.166

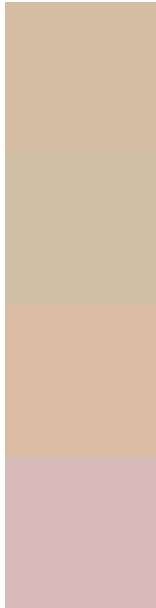
Deuteranopia

78, 18.645, 58.907



Tritanopia
78, 14.375, 349.319

Trichromacy



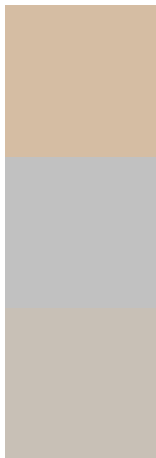
Original Color
78, 16.874, 74.586

Protanomaly
78, 15.725, 85.225

Deuteranomaly
78, 17.770, 63.387

Tritanomaly
78, 11.446, 22.943

Monochromacy



Original Color
78, 16.874, 74.586

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 6.117, 80.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 16.874, 74.586 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(213, 189, 163)` looks like.

```
.text, #text, p{  
    color:rgb(213, 189, 163)  
}
```

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(213, 189, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 189, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 16.874, 74.586 is called "border". The border property can be set on classes, ids or directly on the HTML element.

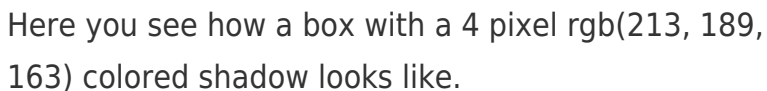
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 189, 163) }
```

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

```
.border{ border-color:rgb(213, 189, 163) }
```

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



Here you see how a box with a 4 pixel rgb(213, 189, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 189, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 189, 163); box-shadow:4px 4px 4px 4px rgb(213, 189, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 16.874, 74.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 189, 163) }
```

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

```
.background{ background-color: rgb(213,  
189, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor