

Converting Colors

CIELCh(76, 28.135, 84.260)

Have a look what the booklet for
CIELCh(76, 28.135, 84.260) contains.

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Color

CIELCh(76, 28.104, 84.276)

Conversions

Conversions Part 1

Format	Color
Hex	D3B888
RGB	211, 184, 136
RGB Percent	83%, 72%, 53%
CMY	0.1727, 0.2785, 0.4668
CMYK	0.00, 0.13, 0.36, 0.17
HSL	38°, 46%, 68%
HSV	38°, 36%, 83%
XYZ	48.4289, 49.8872, 30.3575
YIQ	186.6010, 31.5000, -9.2040

Conversions

Conversions Part 2

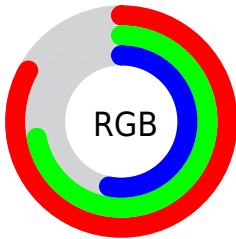
Format	Color
RYB	178, 211, 136
Decimal	13875336
CIELab	76.00, 2.80, 27.96
CIELCh	76, 28.104, 84.276
Yxy	49.8872, 0.3764, 0.3877
Android (android.graphics.Color)	4292065416 (0xFFD3B888)
YUV	186.6010, -24.9463, 21.3979
Hunter-Lab	70.6309, -1.2134, 23.9585

Details

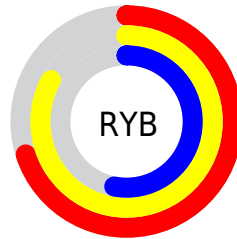
The CIELCh color **76, 28.104, 84.276** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 27.553, 274.770**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.155, 95.418**, and **56, 27.837, 84.200** is the 20% darker color. If you saturate the color by 10%, you get **74, 36.364, 82.884**, and if you desaturate by 10%, it is **78, 19.967, 85.638**.

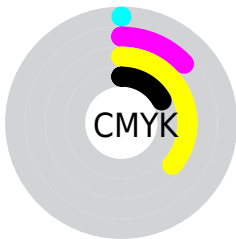
Distribution



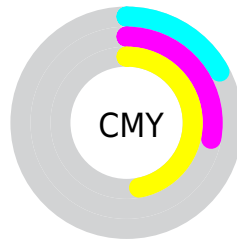
- Red (83%)
- Green (72%)
- Blue (53%)



- Red (70%)
- Yellow (83%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (36%)
- Black (17%)



- Cyan (17%)
- Magenta (28%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 28.104, 84.276 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 76, 28.104, 84.276 by changing the saturation by 10% instead.

■ 76, 28.104, 84.276

■ 76, 28.104, 84.276

■ 100, 28.104,
84.276

■ 66, 28.104, 84.276

■ 96, 28.104, 84.276

■ 56, 28.104, 84.276

■ 46, 28.104, 84.276

■ 36, 28.104, 84.276

■ 26, 28.104, 84.276

■ 16, 28.104, 84.276

■ 6, 28.104, 84.276

■ 0, 28.104, 84.276

■ 76, 28.104, 84.276

■ 76, 28.104, 84.276

74, 36.364, 82.884

78, 19.967, 85.638

72, 44.633, 81.437

81, 12.001, 86.950

69, 52.688, 79.917

83, 4.224, 88.187

67, 60.118, 78.262

86, 3.364, 269.563

65, 66.244, 76.351

88, 10.773,
270.691

63, 70.212, 73.979

91, 14.438,
265.918

63, 71.519, 72.836

92, 12.517,
246.785

94, 12.299,
224.374

96, 13.826,
204.335

Harmonies

Complementary

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



76, 28.104, 84.276



67, 27.553, 274.770

Rectangle

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



76, 28.104, 84.276



76, 28.104, 134.276



76, 28.104, 264.276



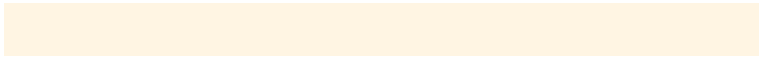
76, 28.104, 314.276

Sweetspot

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



76, 28.105, 84.282



97, 9.845, 87.512



65, 32.530, 355.463



51, 6.627, 87.340



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 28.105, 84.282



88, 39.965, 83.178



82, 39.060, 112.682



43, 4.313, 87.725



51, 60.436, 73.368



11, 16.478, 75.653

Inverse Universe

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



67, 27.553, 274.770



75, 39.068, 276.572



60, 42.565, 298.933



41, 4.300, 270.217



30, 68.113, 294.775



4, 19.180, 281.830

Previews

White Background



This preview shows how the CIELCh color 76, 28.104, 84.276 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 76, 28.104, 84.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

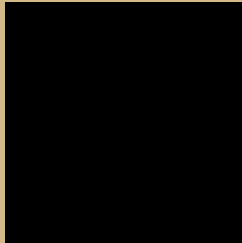
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 28.104, 84.276

Background



This preview shows how black text looks on a background with the CIELCh color 76, 28.104, 84.276.



This preview shows how white text looks on a background with the CIELCh color 76, 28.104, 84.276.

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


76, 28.104, 84.276

Protanopia

76, 27.286, 95.476

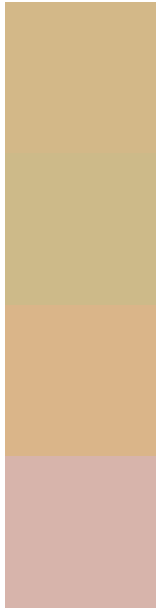
Deuteranopia

76, 29.228, 71.232



Tritanopia
76, 16.796, 354.392

Trichromacy



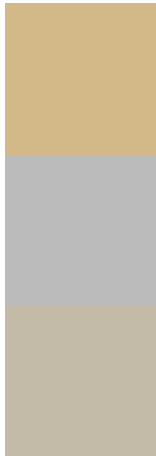
Original Color
76, 28.104, 84.276

Protanomaly
76, 27.341, 91.054

Deuteranomaly
76, 28.378, 75.120

Tritanomaly
76, 14.561, 39.646

Monochromacy



Original Color
76, 28.104, 84.276

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 10.395, 87.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 28.104, 84.276 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(211, 184, 136)` looks like.

```
.text, #text, p{  
    color:rgb(211, 184, 136)  
}
```

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(211, 184, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 184, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 28.104, 84.276 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(211, 184, 136) }
```

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

```
.border{ border-color:rgb(211, 184, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 184, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 184, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 184, 136);  
box-shadow:4px 4px 4px 4px rgb(211, 184,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 28.104, 84.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 184, 136) }
```

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

```
.background{ background-color: rgb(211,  
184, 136) }
```

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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