

Converting Colors

CIELCh(86, 9.178, 89.940)

Have a look what the booklet for
CIELCh(86, 9.178, 89.940) contains.

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Color

CIELCh(86, 9.001, 87.490)

Conversions

Conversions Part 1

Format	Color
Hex	DFD6C6
RGB	223, 214, 198
RGB Percent	87%, 84%, 78%
CMY	0.1248, 0.1601, 0.2228
CMYK	0.00, 0.04, 0.11, 0.12
HSL	38°, 28%, 83%
HSV	38°, 11%, 88%
XYZ	64.7937, 67.9871, 63.2416
YIQ	214.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

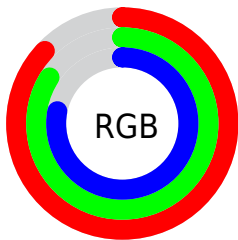
Format	Color
R _Y B	212, 223, 198
Decimal	14669510
CIE Lab	86.00, 0.39, 8.99
CIE LCh	86, 9.001, 87.490
Yxy	67.9871, 0.3305, 0.3468
Android (android.graphics.Color)	4292859590 (0xFFDFD6C6)
YUV	214.8670, -8.3154, 7.1326
Hunter-Lab	82.4543, -4.0274, 12.2432

Details

The CIELCh color $86, 9.001, 87.490$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 8.961, 270.483$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 9.018, 85.840$ is the 20% darker color. If you saturate the color by 10%, you get $83, 17.257, 86.212$, and if you desaturate by 10%, it is $89, 0.947, 88.501$.

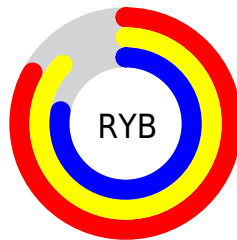
Distribution



Red (87%)

Green (84%)

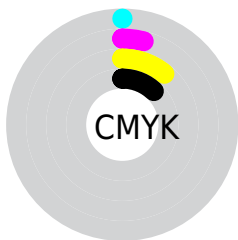
Blue (78%)



Red (83%)

Yellow (87%)

Blue (78%)

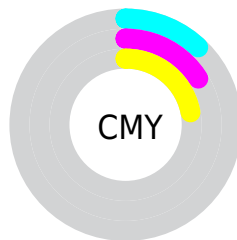


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 9.001, 87.490 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 86, 9.001, 87.490 by changing the saturation by 10% instead.



86, 9.001, 87.490

86, 9.001, 87.490

83, 17.257, 86.212

89, 0.947, 88.501

81, 25.704, 84.869

91, 6.914, 270.055

79, 34.306, 83.484

94, 9.912, 259.886

76, 42.978, 82.055

96, 8.910, 229.140

74, 51.542, 80.565

98, 10.541,
200.639

72, 59.657, 78.971

98, 10.767,
198.788

70, 66.731, 77.178

68, 71.899, 75.014

66, 74.613, 72.728

Harmonies

Complementary

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



86, 9.001, 87.490



83, 8.961, 270.483

Rectangle

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



86, 9.001, 87.490



86, 9.001, 137.490



86, 9.001, 267.490



86, 9.001, 317.490

Sweetspot

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



86, 9.002, 87.505



99, 2.651, 88.455



82, 10.414, 352.516



53, 2.013, 88.379



0, 0.000, 0.000



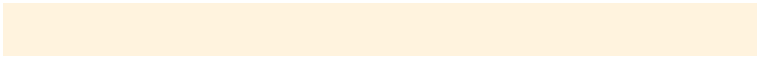
53, 0.007, 296.813

Same Dimension

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



86, 9.002, 87.505



96, 11.667, 87.265



88, 13.048, 114.552



46, 4.572, 87.724



53, 62.458, 73.263



13, 20.478, 75.806

Inverse Universe

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



83, 8.961, 270.483



92, 11.597, 270.760



81, 13.380, 296.331



44, 4.558, 270.236



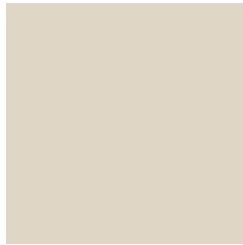
31, 70.654, 294.913



6, 23.315, 285.253

Previews

White Background



This preview shows how the CIELCh color 86, 9.001, 87.490 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 86, 9.001, 87.490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

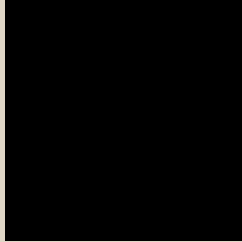
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

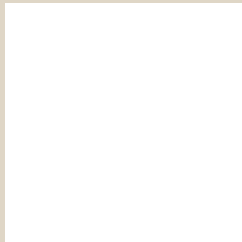
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 9.001, 87.490

Background



This preview shows how black text looks on a background with the CIELCh color 86, 9.001, 87.490.

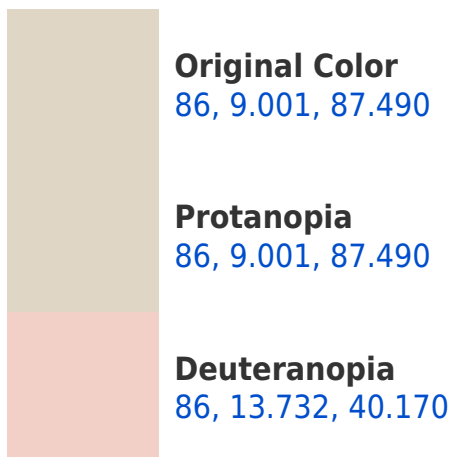


This preview shows how white text looks on a background with the CIELCh color 86, 9.001, 87.490.

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
86, 10.843, 324.827

Trichromacy



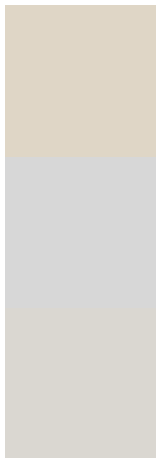
Original Color
86, 9.001, 87.490

Protanomaly
86, 9.001, 87.490

Deuteranomaly
86, 11.050, 51.181

Tritanomaly
86, 5.736, 352.606

Monochromacy



Original Color
86, 9.001, 87.490

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 3.307, 90.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 9.001, 87.490 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(223, 214, 198)` looks like.

```
.text, #text, p{  
    color:rgb(223, 214, 198)  
}
```

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(223, 214, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 214, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 9.001, 87.490 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(223, 214, 198) }
```

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

```
.border{ border-color:rgb(223, 214, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 214, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 214, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 214, 198);  
box-shadow:4px 4px 4px 4px rgb(223, 214,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 9.001, 87.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 214, 198) }
```

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

```
.background{ background-color: rgb(223,  
214, 198) }
```

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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