

Converting Colors

CIELCh(86, 6.941, 102.256)

Have a look what the booklet for
CIELCh(86, 6.941, 102.256) contains.

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Color

CIELCh(86, 6.874, 100.301)

Conversions

Conversions Part 1

Format	Color
Hex	DAD7CA
RGB	218, 215, 202
RGB Percent	85%, 84%, 79%
CMY	0.1439, 0.1556, 0.2067
CMYK	0.00, 0.01, 0.07, 0.14
HSL	49°, 18%, 82%
HSV	49°, 7%, 86%
XYZ	64.0792, 67.9871, 65.8100
YIQ	214.4150, 5.9610, -3.4070

Conversions

Conversions Part 2

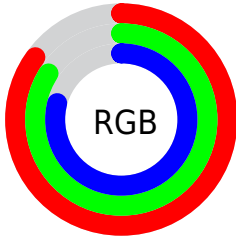
Format	Color
R_{YB}	206, 218, 202
Decimal	14342090
CIE Lab	86.00, -1.23, 6.76
CIE LCh	86, 6.874, 100.301
Yxy	67.9871, 0.3238, 0.3436
Android (android.graphics.Color)	4292532170 (0xFFDAD7CA)
YUV	214.4150, -6.1206, 3.1440
Hunter-Lab	82.4543, -5.5740, 10.3963

Details

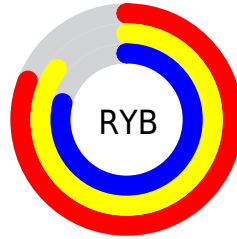
The CIELCh color **86, 6.874, 100.301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 6.949, 282.035**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 6.720, 99.362** is the 20% darker color. If you saturate the color by 10%, you get **84, 16.322, 99.181**, and if you desaturate by 10%, it is **88, 2.507, 281.515**.

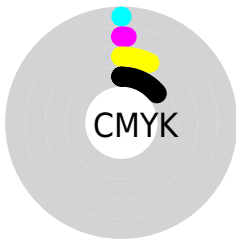
Distribution



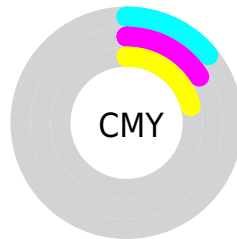
- Red (85%)
- Green (84%)
- Blue (79%)



- Red (81%)
- Yellow (85%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 6.874, 100.301 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, 6.874, 100.301 by changing the saturation by 10% instead.

 86, 6.874, 100.301

 86, 6.874, 100.301

 100, 6.874,
100.301

 76, 6.874, 100.301

 66, 6.874, 100.301

 56, 6.874, 100.301

 46, 6.874, 100.301

 36, 6.874, 100.301

 26, 6.874, 100.301

 16, 6.874, 100.301

 6, 6.874, 100.301

 0, 6.874, 100.301

86, 6.874, 100.301

86, 6.874, 100.301

84, 16.322, 99.181

88, 2.507, 281.515

83, 25.794, 98.006

89, 11.808,
282.534

82, 35.224, 96.805

91, 14.507,
278.956

80, 44.489, 95.589

79, 53.382, 94.363

92, 12.789,
270.626

78, 61.553, 93.130

93, 11.415,
260.083

76, 68.467, 91.880

75, 73.433, 90.582

94, 10.514,
247.292

74, 75.913, 89.179

95, 10.204,
233.023

96, 10.530,
218.836

■ 97, 11.432,
206.243

Harmonies

Complementary

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



86, 6.874, 100.301



83, 6.949, 282.035

Rectangle

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



86, 6.874, 100.301



86, 6.874, 150.301



86, 6.874, 280.301



86, 6.874, 330.301

Sweetspot

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



86, 6.876, 100.316



100, 2.115, 100.850



83, 6.135, 3.839



53, 1.202, 100.857



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, 6.876, 100.316



98, 9.584, 100.123



86, 8.550, 121.392



45, 5.350, 100.083



60, 64.401, 89.046



15, 22.039, 92.065

Inverse Universe

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



83, 6.949, 282.035



94, 9.700, 282.249



82, 8.683, 302.226



43, 5.417, 282.294



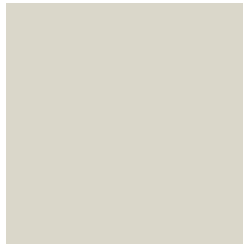
24, 88.494, 302.728



3, 25.801, 290.481

Previews

White Background



This preview shows how the CIELCh color 86, 6.874, 100.301 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, 6.874, 100.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

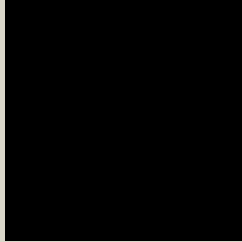
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

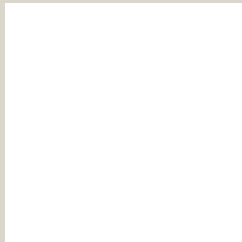
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 6.874, 100.301

Background



This preview shows how black text looks on a background with the CIELCh color 86, 6.874, 100.301.

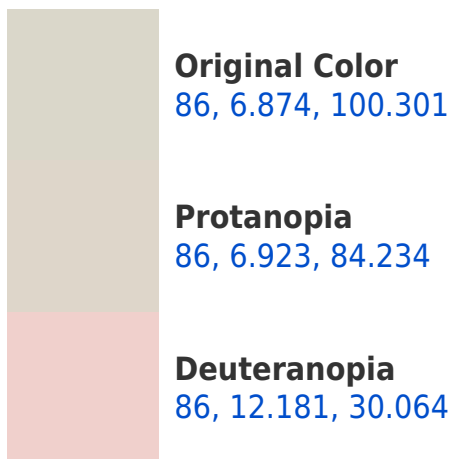


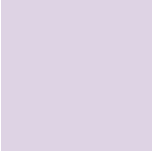
This preview shows how white text looks on a background with the CIELCh color 86, 6.874, 100.301.

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, 9.794, 314.325

Trichromacy



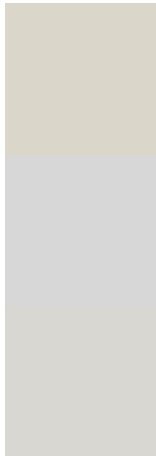
Original Color
86, 6.874, 100.301

Protanomaly
86, 6.773, 87.094

Deuteranomaly
86, 8.885, 47.842

Tritanomaly
86, 4.295, 332.492

Monochromacy



Original Color
86, 6.874, 100.301

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 2.630, 101.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 6.874, 100.301 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(218, 215, 202)` looks like.

```
.text, #text, p{  
    color:rgb(218, 215, 202)  
}
```

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(218, 215, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 215, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 6.874, 100.301 is called "border". The border property can be set on classes, ids or directly on the HTML element.

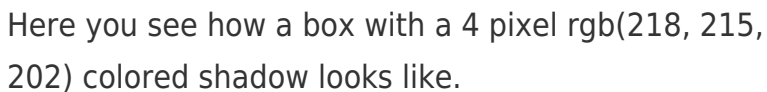
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 215, 202) }
```

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

```
.border{ border-color:rgb(218, 215, 202) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 215, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 215, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 215, 202);  
box-shadow:4px 4px 4px 4px rgb(218, 215,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 6.874, 100.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 215, 202) }
```

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

```
.background{ background-color: rgb(218,  
215, 202) }
```

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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