

Converting Colors

CIELCh(86, 11.198, 97.597)

Have a look what the booklet for
CIELCh(86, 11.198, 97.597) contains.

CIELCh(86, 11.188, 97.603)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(86, 11.188, 97.603)

Conversions

Conversions Part 1

Format	Color
Hex	DDD7C2
RGB	221, 215, 194
RGB Percent	87%, 84%, 76%
CMY	0.1327, 0.1562, 0.2386
CMYK	0.00, 0.03, 0.12, 0.13
HSL	47°, 29%, 81%
HSV	47°, 12%, 87%
XYZ	63.9692, 67.9871, 60.8869
YIQ	214.4000, 10.3170, -5.2590

Conversions

Conversions Part 2

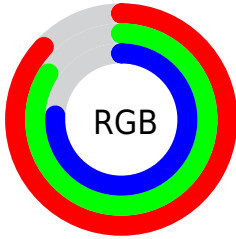
Format	Color
R _Y B	202, 221, 194
Decimal	14538690
CIE Lab	86.00, -1.48, 11.09
CIE LCh	86, 11.188, 97.603
Yxy	67.9871, 0.3317, 0.3526
Android (android.graphics.Color)	4292728770 (0xFFDDD7C2)
YUV	214.4000, -10.0572, 5.7882
Hunter-Lab	82.4543, -5.8122, 13.9364

Details

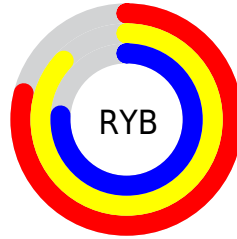
The CIELCh color **86, 11.188, 97.603** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 11.322, 280.581**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **66, 11.284, 96.676** is the 20% darker color. If you saturate the color by 10%, you get **84, 20.449, 96.419**, and if you desaturate by 10%, it is **88, 2.006, 98.703**.

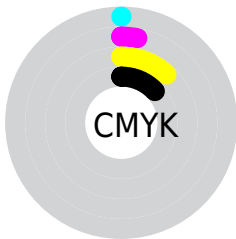
Distribution



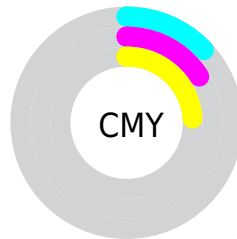
- Red (87%)
- Green (84%)
- Blue (76%)



- Red (79%)
- Yellow (87%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 11.188, 97.603 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, 11.188, 97.603 by changing the saturation by 10% instead.

■ 86, 11.188, 97.603

■ 86, 11.188, 97.603

■ 100, 11.188,
97.603

■ 76, 11.188, 97.603

■ 66, 11.188, 97.603

■ 56, 11.188, 97.603

■ 46, 11.188, 97.603

■ 36, 11.188, 97.603

■ 26, 11.188, 97.603

■ 16, 11.188, 97.603

■ 6, 11.188, 97.603

■ 0, 11.188, 97.603

86, 11.188, 97.603

86, 11.188, 97.603

84, 20.449, 96.419

88, 2.006, 98.703

83, 29.743, 95.187

90, 7.079, 279.941

81, 38.988, 93.928

91, 13.270,
278.413

79, 48.037, 92.645

93, 11.296,
266.981

78, 56.632, 91.340

77, 64.343, 89.998

94, 9.932, 251.732

75, 70.533, 88.585

95, 9.431, 233.482

74, 74.455, 87.032

96, 9.913, 215.288

73, 75.958, 85.699

98, 11.239,
200.156

98, 11.423,
198.743

Harmonies

Complementary

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



86, 11.188, 97.603



81, 11.322, 280.581

Rectangle

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



86, 11.188, 97.603



86, 11.188, 147.603



86, 11.188, 277.603



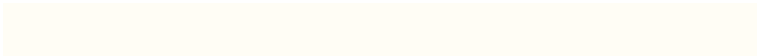
86, 11.188, 327.603

Sweetspot

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



86, 11.190, 97.613



99, 4.090, 98.535



81, 10.586, 1.880



53, 2.909, 98.456



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, 11.190, 97.613



97, 15.453, 97.270



87, 14.322, 119.807



45, 5.158, 97.936



58, 63.431, 86.023



15, 21.332, 89.191

Inverse Universe

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



81, 11.322, 280.581



90, 15.672, 280.984



80, 14.678, 301.327



43, 5.210, 280.214



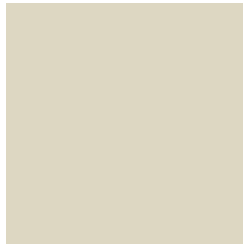
25, 85.133, 301.549



4, 25.115, 289.510

Previews

White Background



This preview shows how the CIELCh color 86, 11.188, 97.603 looks on a white background.

Color Contrast Check

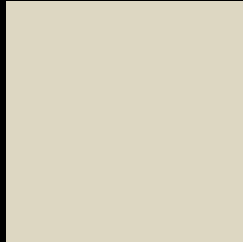
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 86, 11.188, 97.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

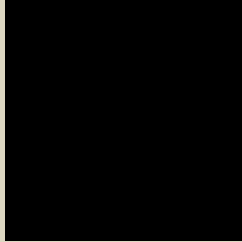
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

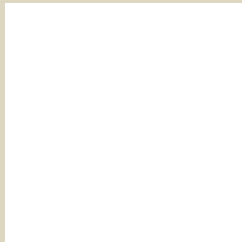
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 11.188, 97.603

Background



This preview shows how black text looks on a background with the CIELCh color 86, 11.188, 97.603.

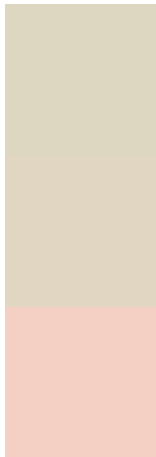


This preview shows how white text looks on a background with the CIELCh color 86, 11.188, 97.603.

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

86, 11.188, 97.603

Protanopia

86, 11.099, 89.425

Deuteranopia

86, 14.908, 42.853



Tritanopia
86, 10.646, 323.215

Trichromacy



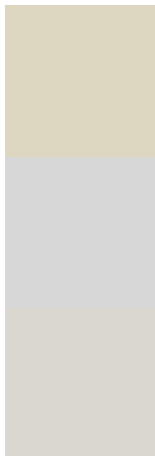
Original Color
86, 11.188, 97.603

Protanomaly
86, 10.977, 91.290

Deuteranomaly
86, 12.333, 59.215

Tritanomaly
86, 4.650, 359.901

Monochromacy



Original Color
86, 11.188, 97.603

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 4.235, 99.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 11.188, 97.603 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(221, 215, 194)` looks like.

```
.text, #text, p{  
    color:rgb(221, 215, 194)  
}
```

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(221, 215, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 215, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 11.188, 97.603 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(221, 215, 194) }
```

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

```
.border{ border-color:rgb(221, 215, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 215, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 215, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 215, 194); box-shadow:4px 4px 4px 4px rgb(221, 215, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 11.188, 97.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 215, 194) }
```

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

```
.background{ background-color: rgb(221,  
215, 194) }
```

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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