

Converting Colors

CIELCh(86, 4.946, 74.522)

Have a look what the booklet for
CIELCh(86, 4.946, 74.522) contains.

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Color

CIELCh(86, 5.097, 74.466)

Conversions

Conversions Part 1

Format	Color
Hex	DED6CE
RGB	222, 214, 206
RGB Percent	87%, 84%, 81%
CMY	0.1299, 0.1613, 0.1927
CMYK	0.00, 0.04, 0.07, 0.13
HSL	30°, 19%, 84%
HSV	30°, 7%, 87%
XYZ	65.2235, 67.9871, 67.9966
YIQ	215.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

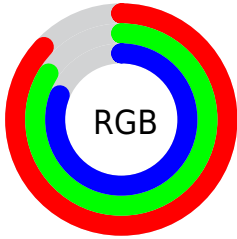
Format	Color
R _Y B	222, 222, 206
Decimal	14603982
CIE Lab	86.00, 1.37, 4.91
CIE LCh	86, 5.097, 74.466
Yxy	67.9871, 0.3242, 0.3379
Android (android.graphics.Color)	4292794062 (0xFFDED6CE)
YUV	215.4800, -4.6736, 5.7180
Hunter-Lab	82.4543, -3.0969, 8.8241

Details

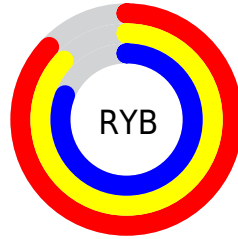
The CIELCh color **86, 5.097, 74.466** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 5.020, 256.447**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 4.958, 70.624** is the 20% darker color. If you saturate the color by 10%, you get **83, 12.461, 73.301**, and if you desaturate by 10%, it is **89, 1.941, 255.989**.

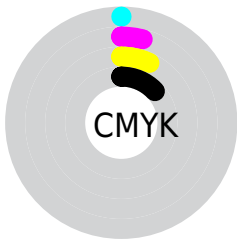
Distribution



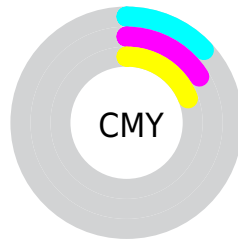
- Red (87%)
- Green (84%)
- Blue (81%)



- Red (87%)
- Yellow (87%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 5.097, 74.466 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, 5.097, 74.466 by changing the saturation by 10% instead.



86, 5.097, 74.466

86, 5.097, 74.466

83, 12.461, 73.301

89, 1.941, 255.989

79, 20.175, 72.057

93, 8.685, 257.010

76, 28.254, 70.795

96, 9.349, 224.593

73, 36.684, 69.520

98, 11.195,
198.758

70, 45.394, 68.222

67, 54.203, 66.862

65, 62.715, 65.340

62, 70.182, 63.449

60, 75.580, 60.862

Harmonies

Complementary

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



86, 5.097, 74.466



85, 5.020, 256.447

Rectangle

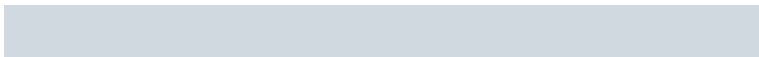
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 5.097, 74.466



86, 5.097, 124.466



86, 5.097, 254.466



86, 5.097, 304.466

Sweetspot

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



86, 5.098, 74.493



99, 1.559, 74.921



84, 7.210, 344.188



53, 0.886, 74.919



0, 0.000, 0.000



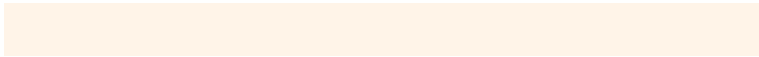
53, 0.007, 296.813

Same Dimension

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



86, 5.098, 74.493



97, 7.156, 74.281



88, 8.313, 109.477



45, 4.074, 74.237



47, 64.479, 60.758



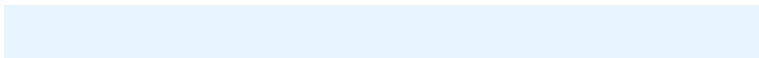
11, 19.647, 60.263

Inverse Universe

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



85, 5.020, 256.447



95, 7.008, 256.688



83, 8.462, 290.916



45, 3.985, 256.739



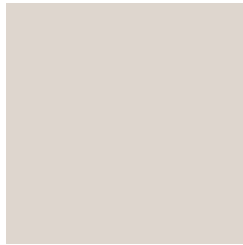
38, 54.510, 283.922



8, 18.981, 274.682

Previews

White Background



This preview shows how the CIELCh color 86, 5.097, 74.466 looks on a white background.

Color Contrast Check

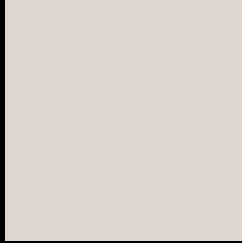
Large Text (above 18pt) WCAG AA × Fail

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, 5.097, 74.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

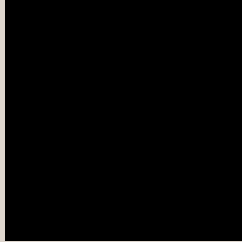
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

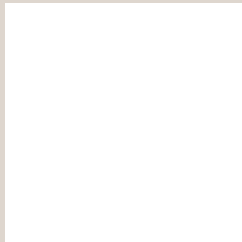
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 5.097, 74.466

Background



This preview shows how black text looks on a background with the CIELCh color 86, 5.097, 74.466.

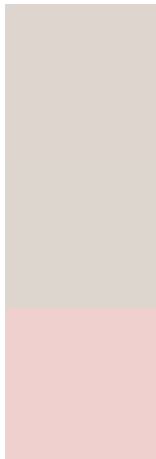


This preview shows how white text looks on a background with the CIELCh color 86, 5.097, 74.466.

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

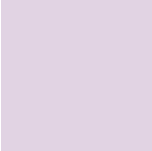
86, 5.097, 74.466

Protanopia

86, 4.894, 78.022

Deuteranopia

86, 11.562, 22.796



Tritanopia
86, 9.818, 321.313

Trichromacy



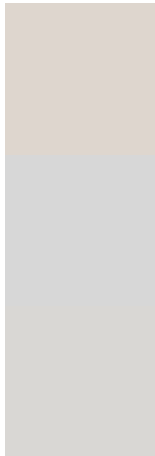
Original Color
86, 5.097, 74.466

Protanomaly
86, 4.894, 78.022

Deuteranomaly
86, 8.675, 30.338

Tritanomaly
86, 5.708, 339.755

Monochromacy



Original Color
86, 5.097, 74.466

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 1.714, 84.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 5.097, 74.466 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(222, 214, 206)` looks like.

```
.text, #text, p{  
    color:rgb(222, 214, 206)  
}
```

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(222, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 214, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 5.097, 74.466 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(222, 214, 206) }
```

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

```
.border{ border-color:rgb(222, 214, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 214, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(222, 214,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 5.097, 74.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 214, 206) }
```

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

```
.background{ background-color: rgb(222,  
214, 206) }
```

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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