

Converting Colors

CIELCh(86, 8.341, 73.965)

Have a look what the booklet for
CIELCh(86, 8.341, 73.965) contains.

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Color

CIELCh(86, 8.341, 73.965)

Conversions

Conversions Part 1

Format	Color
Hex	E2D5C8
RGB	226, 213, 200
RGB Percent	89%, 84%, 78%
CMY	0.1134, 0.1644, 0.2154
CMYK	0.00, 0.06, 0.12, 0.11
HSL	30°, 31%, 84%
HSV	30°, 12%, 89%
XYZ	65.6409, 67.9871, 64.3576
YIQ	215.4050, 11.9210, -1.2870

Conversions

Conversions Part 2

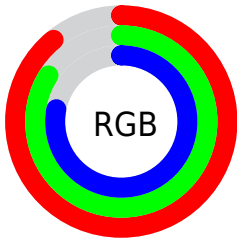
Format	Color
R _Y B	226, 226, 200
Decimal	14865864
CIE Lab	86.00, 2.30, 8.02
CIE LCh	86, 8.341, 73.965
Yxy	67.9871, 0.3315, 0.3434
Android (android.graphics.Color)	4293055944 (0xFFE2D5C8)
YUV	215.4050, -7.5947, 9.2918
Hunter-Lab	82.4543, -2.1932, 11.4407

Details

The CIELCh color **86, 8.341, 73.965** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 8.111, 257.014**, 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, 8.408, 71.462** is the 20% darker color. If you saturate the color by 10%, you get **83, 15.969, 72.758**, and if you desaturate by 10%, it is **89, 1.057, 74.875**.

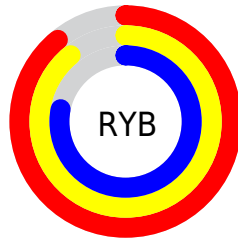
Distribution



Red (89%)

Green (84%)

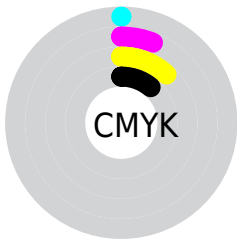
Blue (78%)



Red (89%)

Yellow (89%)

Blue (78%)

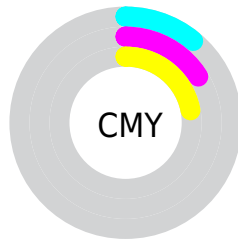


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 8.341, 73.965 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, 8.341, 73.965 by changing the saturation by 10% instead.



86, 8.341, 73.965

86, 8.341, 73.965

83, 15.969, 72.758

89, 1.057, 74.875

79, 23.961, 71.503

93, 5.915, 256.521

76, 32.323, 70.235

96, 8.114, 229.554

73, 41.020, 68.951

98, 9.815, 198.853

70, 49.940, 67.632

67, 58.821, 66.217

64, 67.119, 64.567

62, 73.895, 62.405

60, 78.037, 60.071

Harmonies

Complementary

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



86, 8.341, 73.965



85, 8.111, 257.014

Rectangle

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



86, 8.341, 73.965



86, 8.341, 123.965



86, 8.341, 253.965



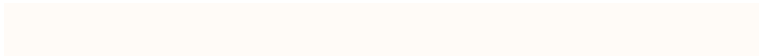
86, 8.341, 303.965

Sweetspot

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



86, 8.342, 73.983



99, 2.347, 74.884



83, 11.737, 344.588



53, 1.784, 74.826



0, 0.000, 0.000



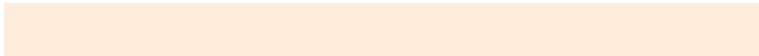
53, 0.007, 296.813

Same Dimension

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



86, 8.342, 73.983



95, 11.265, 73.670



89, 13.458, 109.064



45, 4.074, 74.226



47, 64.482, 60.751



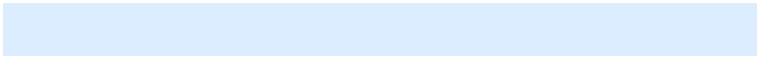
11, 19.647, 60.252

Inverse Universe

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



85, 8.111, 257.014



93, 10.871, 257.392



81, 13.819, 291.392



45, 3.985, 256.728



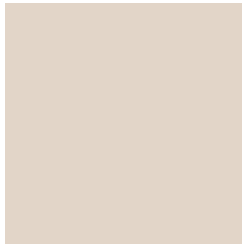
38, 54.500, 283.912



8, 18.978, 274.671

Previews

White Background



This preview shows how the CIELCh color 86, 8.341, 73.965 looks on a white background.

Color Contrast Check

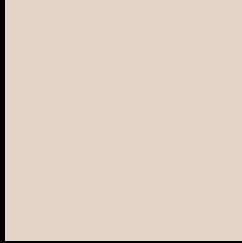
Large Text (above 18pt) WCAG AA × Fail

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, 8.341, 73.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

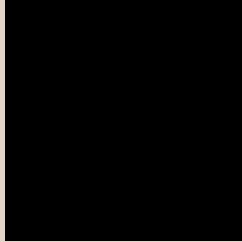
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

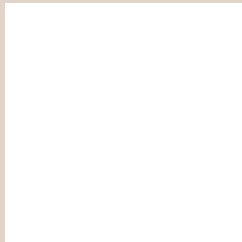
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 8.341, 73.965

Background



This preview shows how black text looks on a background with the CIELCh color 86, 8.341, 73.965.

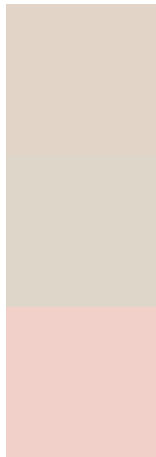


This preview shows how white text looks on a background with the CIELCh color 86, 8.341, 73.965.

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, 8.341, 73.965

Protanopia

86, 7.402, 85.893

Deuteranopia

86, 12.986, 36.516



Tritanopia
86, 11.719, 330.734

Trichromacy



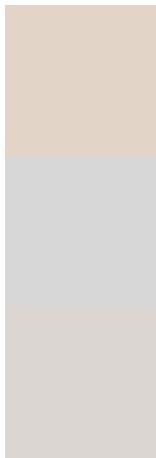
Original Color
86, 8.341, 73.965

Protanomaly
86, 7.559, 83.288

Deuteranomaly
86, 10.854, 45.577

Tritanomaly
86, 7.844, 352.101

Monochromacy



Original Color
86, 8.341, 73.965

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 2.758, 68.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 8.341, 73.965 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(226, 213, 200)` looks like.

```
.text, #text, p{  
    color:rgb(226, 213, 200)  
}
```

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(226, 213, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 213, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 8.341, 73.965 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(226, 213, 200) }
```

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

```
.border{ border-color:rgb(226, 213, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 213, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 213, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 213, 200);  
box-shadow:4px 4px 4px 4px rgb(226, 213,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 8.341, 73.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 213, 200) }
```

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

```
.background{ background-color: rgb(226,  
213, 200) }
```

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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