

Converting Colors

CIELCh(86, 3.352, 41.689)

Have a look what the booklet for
CIELCh(86, 3.352, 41.689) contains.

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Color

CIELCh(86, 3.440, 37.159)

Conversions

Conversions Part 1

Format	Color
Hex	DED5D3
RGB	222, 213, 211
RGB Percent	87%, 84%, 83%
CMY	0.1285, 0.1638, 0.1716
CMYK	0.00, 0.04, 0.05, 0.13
HSL	11°, 14%, 85%
HSV	11°, 5%, 87%
XYZ	65.8361, 67.9871, 71.4334
YIQ	215.4630, 6.0060, 1.2860

Conversions

Conversions Part 2

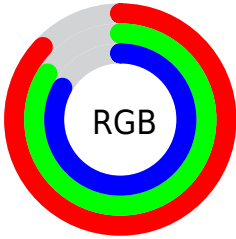
Format	Color
R _Y B	222, 213, 211
Decimal	14603731
CIE Lab	86.00, 2.74, 2.08
CIE LCh	86, 3.440, 37.159
Yxy	67.9871, 0.3208, 0.3312
Android (android.graphics.Color)	4292793811 (0xFFDED5D3)
YUV	215.4630, -2.2003, 5.7329
Hunter-Lab	82.4543, -1.7707, 6.3528

Details

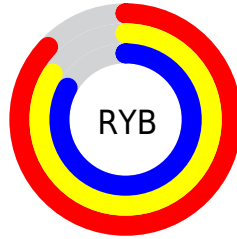
The CIELCh color **86, 3.440, 37.159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 3.338, 217.691**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 3.518, 28.612** is the 20% darker color. If you saturate the color by 10%, you get **81, 10.825, 37.261**, and if you desaturate by 10%, it is **91, 3.374, 217.693**.

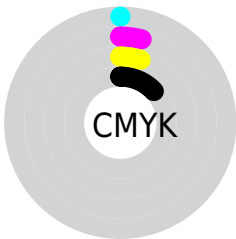
Distribution



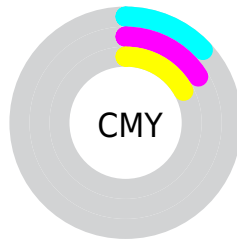
- Red (87%)
- Green (84%)
- Blue (83%)



- Red (87%)
- Yellow (84%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 3.440, 37.159 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, 3.440, 37.159 by changing the saturation by 10% instead.



86, 3.440, 37.159

86, 3.440, 37.159

81, 10.825, 37.261

91, 3.374, 217.693

76, 18.839, 37.353

96, 9.586, 215.770

71, 27.521, 37.593

98, 11.076,
198.767

66, 36.885, 38.031

62, 46.892, 38.709

58, 57.417, 39.650

55, 68.171, 40.808

52, 78.506, 41.970

49, 87.015, 42.555

Harmonies

Complementary

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



86, 3.440, 37.159



87, 3.338, 217.691

Rectangle

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



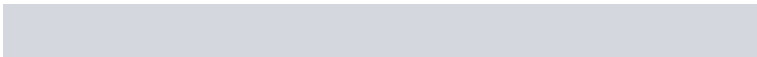
86, 3.440, 37.159



86, 3.440, 87.159



86, 3.440, 217.159



86, 3.440, 267.159

Sweetspot

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



86, 3.439, 37.198



99, 0.763, 36.558



86, 6.268, 329.638



53, 0.433, 36.513



0, 0.000, 0.000



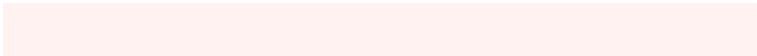
53, 0.007, 296.813

Same Dimension

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



86, 3.439, 37.198



97, 4.681, 37.219



87, 4.034, 90.451



45, 2.802, 37.226



38, 75.586, 43.059



8, 22.589, 31.060

Inverse Universe

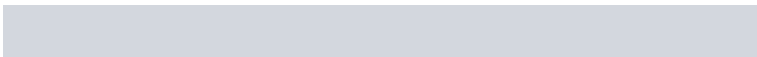
The Inverse Universe completely reimagines the original color for something new.



87, 3.338, 217.691



98, 4.510, 217.682



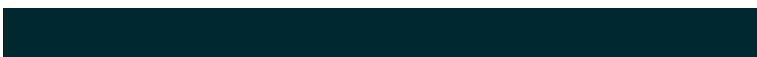
86, 4.047, 271.814



46, 2.690, 217.682



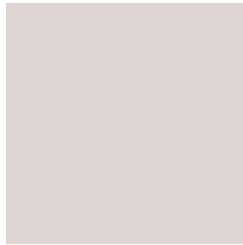
55, 33.036, 231.527



14, 13.550, 225.092

Previews

White Background



This preview shows how the CIELCh color 86, 3.440, 37.159 looks on a white background.

Color Contrast Check

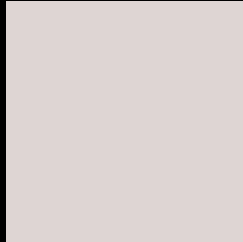
Large Text (above 18pt) WCAG AA × Fail

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, 3.440, 37.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

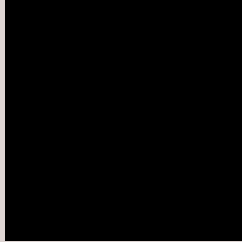
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

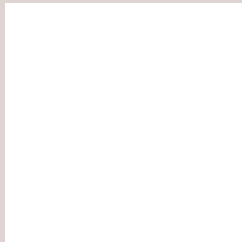
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 3.440, 37.159

Background



This preview shows how black text looks on a background with the CIELCh color 86, 3.440, 37.159.

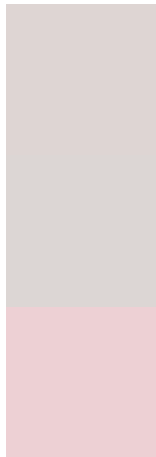


This preview shows how white text looks on a background with the CIELCh color 86, 3.440, 37.159.

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

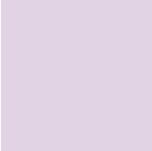
86, 3.440, 37.159

Protanopia

86, 2.409, 45.023

Deuteranopia

86, 10.900, 9.159



Tritanopia
86, 9.818, 321.313

Trichromacy



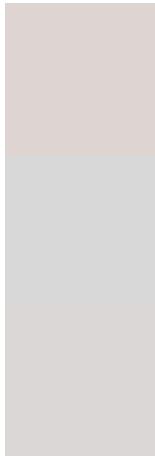
Original Color
86, 3.440, 37.159

Protanomaly
86, 2.745, 41.748

Deuteranomaly
86, 8.157, 12.601

Tritanomaly
86, 6.433, 332.631

Monochromacy



Original Color
86, 3.440, 37.159

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 1.197, 44.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 3.440, 37.159 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, 213, 211)` looks like.

```
.text, #text, p{  
    color:rgb(222, 213, 211)  
}
```

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, 213, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 213, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 3.440, 37.159 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, 213, 211) }
```

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

```
.border{ border-color:rgb(222, 213, 211) }
```

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

Here you see how a box with a 4 pixel rgb(222, 213, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 213, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 213, 211);  
box-shadow:4px 4px 4px 4px rgb(222, 213,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 3.440, 37.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 213, 211) }
```

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

```
.background{ background-color: rgb(222,  
213, 211) }
```

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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