

Converting Colors

CIELCh(87, 8.400, 70.305)

Have a look what the booklet for
CIELCh(87, 8.400, 70.305) contains.

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Color

CIELCh(87, 8.543, 71.929)

Conversions

Conversions Part 1

Format	Color
Hex	E6D8CB
RGB	230, 216, 203
RGB Percent	90%, 85%, 80%
CMY	0.0993, 0.1542, 0.2052
CMYK	0.00, 0.06, 0.12, 0.10
HSL	29°, 35%, 85%
HSV	29°, 12%, 90%
XYZ	67.7376, 70.0064, 66.2380
YIQ	218.7040, 12.5170, -1.0750

Conversions

Conversions Part 2

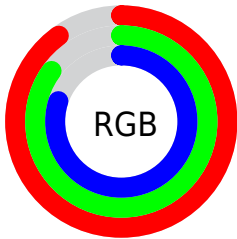
Format	Color
R _Y B	230, 228, 203
Decimal	15128779
CIE Lab	87.00, 2.65, 8.12
CIE LCh	87, 8.543, 71.929
Yxy	70.0064, 0.3321, 0.3432
Android (android.graphics.Color)	4293318859 (0xFFE6D8CB)
YUV	218.7040, -7.7421, 9.9066
Hunter-Lab	83.6698, -1.9118, 11.6314

Details

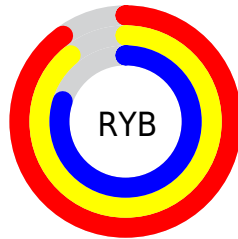
The CIELCh color **87, 8.543, 71.929** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 8.272, 254.997**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 8.376, 71.489** is the 20% darker color. If you saturate the color by 10%, you get **84, 16.218, 70.751**, and if you desaturate by 10%, it is **91, 1.237, 72.856**.

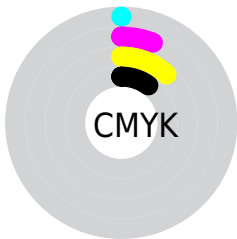
Distribution



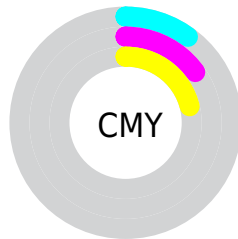
- Red (90%)
- Green (85%)
- Blue (80%)



- Red (90%)
- Yellow (89%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 8.543, 71.929 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 87, 8.543, 71.929 by changing the saturation by 10% instead.



87, 8.543, 71.929

87, 8.543, 71.929

84, 16.218, 70.751

91, 1.237, 72.856

80, 24.286, 69.533

94, 5.735, 254.450

77, 32.757, 68.308

97, 7.588, 213.144

74, 41.600, 67.076

98, 8.632, 198.936

70, 50.707, 65.817

67, 59.816, 64.468

65, 68.375, 62.882

62, 75.408, 60.767

60, 79.638, 58.533

Harmonies

Complementary

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



87, 8.543, 71.929



86, 8.272, 254.997

Rectangle

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



87, 8.543, 71.929



87, 8.543, 121.929



87, 8.543, 251.929



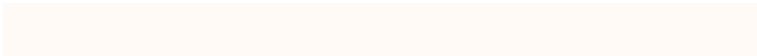
87, 8.543, 301.929

Sweetspot

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



87, 8.544, 71.947



98, 3.101, 72.779



84, 12.426, 342.829



52, 2.209, 72.712



0, 0.000, 0.000



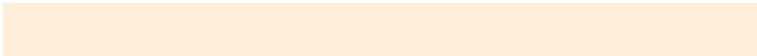
53, 0.007, 296.813

Same Dimension

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



87, 8.544, 71.947



95, 11.144, 71.672



90, 13.476, 107.648



46, 4.102, 72.212



47, 65.701, 59.208



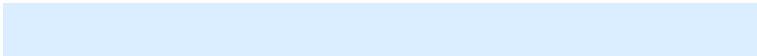
12, 20.931, 58.600

Inverse Universe

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



86, 8.272, 254.997



93, 10.709, 255.333



83, 13.822, 290.094



46, 4.001, 254.683



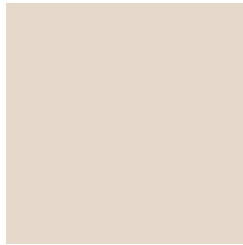
40, 53.127, 282.082



9, 19.167, 273.227

Previews

White Background



This preview shows how the CIELCh color 87, 8.543, 71.929 looks on a white background.

Color Contrast Check

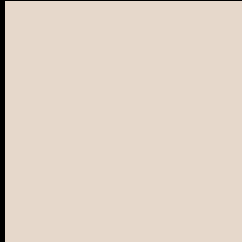
Large Text (above 18pt) WCAG AA × Fail

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 87, 8.543, 71.929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

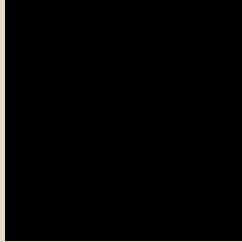
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

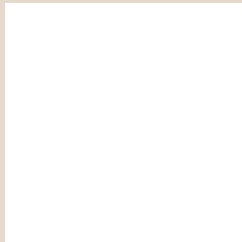
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 8.543, 71.929

Background



This preview shows how black text looks on a background with the CIELCh color 87, 8.543, 71.929.

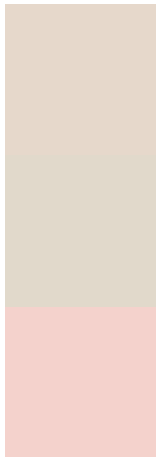


This preview shows how white text looks on a background with the CIELCh color 87, 8.543, 71.929.

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

87, 8.543, 71.929

Protanopia

87, 7.865, 87.359

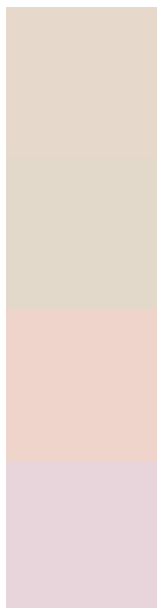
Deuteranopia

87, 13.171, 33.941



Tritanopia
87, 11.300, 332.446

Trichromacy



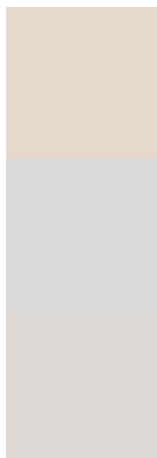
Original Color
87, 8.543, 71.929

Protanomaly
87, 8.175, 82.488

Deuteranomaly
87, 10.951, 42.339

Tritanomaly
87, 7.600, 355.580

Monochromacy



Original Color
87, 8.543, 71.929

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 3.164, 74.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 8.543, 71.929 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(230, 216, 203)` looks like.

```
.text, #text, p{  
    color:rgb(230, 216, 203)  
}
```

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(230, 216, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 216, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 8.543, 71.929 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(230, 216, 203) }
```

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

```
.border{ border-color:rgb(230, 216, 203) }
```

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

Here you see how a box with a 4 pixel rgb(230, 216, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 216, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 216, 203);  
box-shadow:4px 4px 4px 4px rgb(230, 216,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 8.543, 71.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 216, 203) }
```

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

```
.background{ background-color: rgb(230,  
216, 203) }
```

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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