

Converting Colors

CIELCh(87, 7.229, 70.592)

Have a look what the booklet for
CIELCh(87, 7.229, 70.592) contains.

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Color

CIELCh(87, 7.245, 71.767)

Conversions

Conversions Part 1

Format	Color
Hex	E4D8CD
RGB	228, 216, 205
RGB Percent	89%, 85%, 80%
CMY	0.1059, 0.1530, 0.1961
CMYK	0.00, 0.05, 0.10, 0.11
HSL	29°, 30%, 85%
HSV	29°, 10%, 89%
XYZ	67.5634, 70.0064, 67.7031
YIQ	218.3340, 10.6830, -0.8770

Conversions

Conversions Part 2

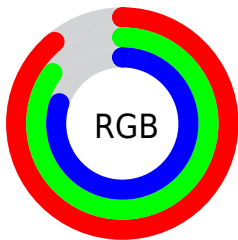
Format	Color
R _Y B	228, 226, 205
Decimal	14997709
CIE Lab	87.00, 2.27, 6.88
CIE LCh	87, 7.245, 71.767
Yxy	70.0064, 0.3291, 0.3410
Android (android.graphics.Color)	4293187789 (0xFFE4D8CD)
YUV	218.3340, -6.5737, 8.4771
Hunter-Lab	83.6698, -2.2834, 10.5932

Details

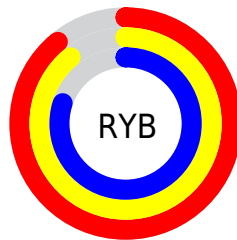
The CIELCh color **87, 7.245, 71.767** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 7.049, 254.406**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 7.253, 68.852** is the 20% darker color. If you saturate the color by 10%, you get **84, 14.801, 70.607**, and if you desaturate by 10%, it is **91, 0.054, 65.205**.

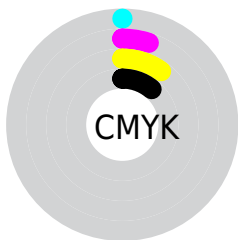
Distribution



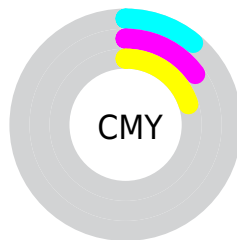
- Red (89%)
- Green (85%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (11%)

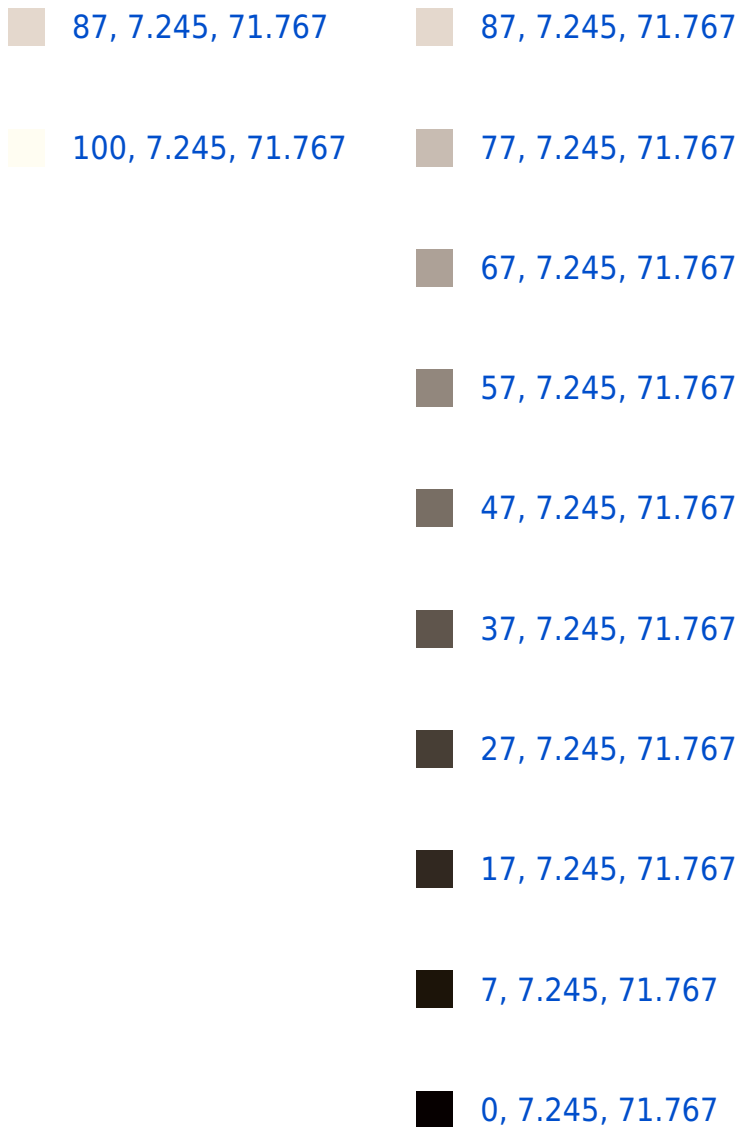


- Cyan (11%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 7.245, 71.767 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, 7.245, 71.767 by changing the saturation by 10% instead.



87, 7.245, 71.767

87, 7.245, 71.767

84, 14.801, 70.607

91, 0.054, 65.205

80, 22.748, 69.398

94, 6.809, 254.270

77, 31.101, 68.183

97, 8.194, 211.012

73, 39.838, 66.963

98, 9.187, 198.897

70, 48.871, 65.723

67, 57.974, 64.411

64, 66.662, 62.897

62, 74.036, 60.915

59, 79.310, 58.296

Harmonies

Complementary

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



87, 7.245, 71.767



86, 7.049, 254.406

Rectangle

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



87, 7.245, 71.767



87, 7.245, 121.767



87, 7.245, 251.767



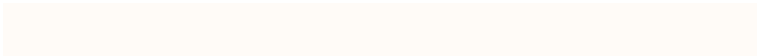
87, 7.245, 301.767

Sweetspot

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



87, 7.246, 71.787



99, 2.314, 72.492



85, 10.584, 342.679



53, 1.759, 72.439



0, 0.000, 0.000



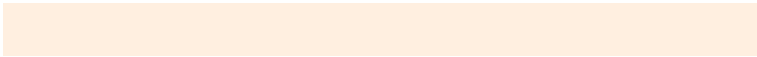
53, 0.007, 296.813

Same Dimension

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



87, 7.246, 71.787



95, 9.486, 71.558



90, 11.500, 107.814



46, 4.095, 71.859



47, 65.795, 58.954



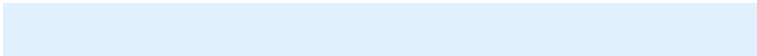
12, 20.935, 58.250

Inverse Universe

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



86, 7.049, 254.406



94, 9.169, 254.679



83, 11.756, 289.899



46, 3.992, 254.322



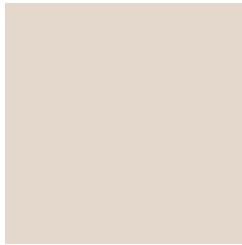
40, 52.783, 281.744



9, 19.062, 272.860

Previews

White Background



This preview shows how the CIELCh color 87, 7.245, 71.767 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 87, 7.245, 71.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

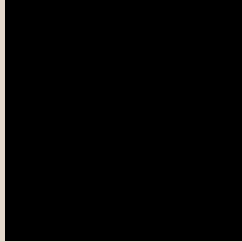
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

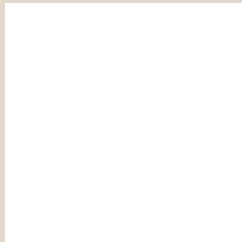
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 7.245, 71.767

Background



This preview shows how black text looks on a background with the CIELCh color 87, 7.245, 71.767.

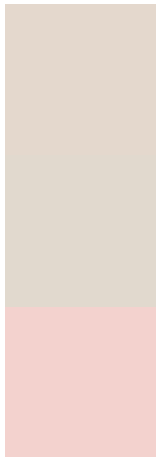


This preview shows how white text looks on a background with the CIELCh color 87, 7.245, 71.767.

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

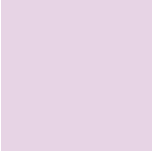
87, 7.245, 71.767

Protanopia

87, 6.434, 82.337

Deuteranopia

87, 12.534, 29.787



Tritanopia
87, 11.242, 327.882

Trichromacy



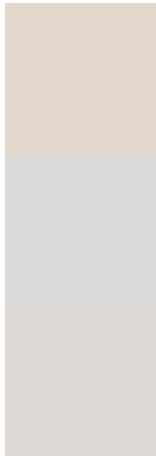
Original Color
87, 7.245, 71.767

Protanomaly
87, 6.612, 79.465

Deuteranomaly
87, 10.196, 37.829

Tritanomaly
87, 7.187, 349.291

Monochromacy



Original Color
87, 7.245, 71.767

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 2.751, 68.556

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 7.245, 71.767 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(228, 216, 205)` looks like.

```
.text, #text, p{  
    color:rgb(228, 216, 205)  
}
```

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(228, 216, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 216, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 7.245, 71.767 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(228, 216, 205) }
```

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

```
.border{ border-color:rgb(228, 216, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 216, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 216, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 216, 205);  
box-shadow:4px 4px 4px 4px rgb(228, 216,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 7.245, 71.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 216, 205) }
```

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

```
.background{ background-color: rgb(228,  
216, 205) }
```

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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