

Converting Colors

CIELCh(87, 11.203, 87.622)

Have a look what the booklet for
CIELCh(87, 11.203, 87.622) contains.

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Color

CIELCh(87, 11.203, 87.622)

Conversions

Conversions Part 1

Format	Color
Hex	E4D9C5
RGB	228, 217, 197
RGB Percent	89%, 85%, 77%
CMY	0.1067, 0.1498, 0.2282
CMYK	0.00, 0.05, 0.14, 0.11
HSL	39°, 36%, 83%
HSV	39°, 14%, 89%
XYZ	66.7482, 70.0064, 62.7009
YIQ	218.0090, 12.9760, -3.8880

Conversions

Conversions Part 2

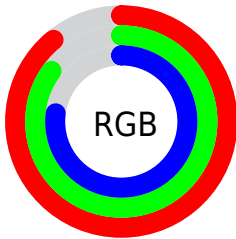
Format	Color
RYB	214, 228, 197
Decimal	14997957
CIELab	87.00, 0.46, 11.19
CIElCh	87, 11.203, 87.622
Yxy	70.0064, 0.3347, 0.3510
Android (android.graphics.Color)	4293188037 (0xFFE4D9C5)
YUV	218.0090, -10.3574, 8.7621
Hunter-Lab	83.6698, -4.0225, 14.1378

Details

The CIELCh color **87, 11.203, 87.622** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 11.142, 271.266**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **67, 11.191, 88.079** is the 20% darker color. If you saturate the color by 10%, you get **84, 19.680, 86.328**, and if you desaturate by 10%, it is **90, 2.926, 88.836**.

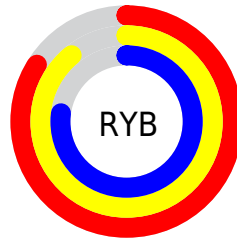
Distribution



Red (89%)

Green (85%)

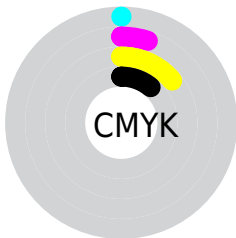
Blue (77%)



Red (84%)

Yellow (89%)

Blue (77%)

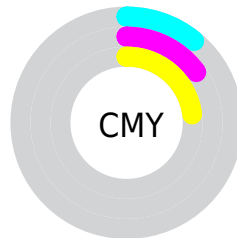


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (11%)



Cyan (11%)

Magenta (15%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 11.203, 87.622 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, 11.203, 87.622 by changing the saturation by 10% instead.

87, 11.203, 87.622

87, 11.203, 87.622

100, 11.203,
87.622

77, 11.203, 87.622

67, 11.203, 87.622

57, 11.203, 87.622

47, 11.203, 87.622

37, 11.203, 87.622

27, 11.203, 87.622

17, 11.203, 87.622

7, 11.203, 87.622

0, 11.203, 87.622

87, 11.203, 87.622

87, 11.203, 87.622

84, 19.680, 86.328

90, 2.926, 88.836

82, 28.338, 84.975

92, 5.156, 270.214

80, 37.131, 83.580

95, 8.387, 258.295

77, 45.951, 82.138

97, 7.787, 221.827

75, 54.582, 80.628

98, 9.250, 198.893

73, 62.617, 78.998

71, 69.375, 77.139

69, 73.949, 74.860

68, 75.760, 73.178

Harmonies

Complementary

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



87, 11.203, 87.622



83, 11.142, 271.266

Rectangle

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



87, 11.203, 87.622



87, 11.203, 137.622



87, 11.203, 267.622



87, 11.203, 317.622

Sweetspot

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



87, 11.204, 87.634



99, 3.561, 88.794



82, 12.910, 352.772



53, 2.534, 88.713



0, 0.000, 0.000



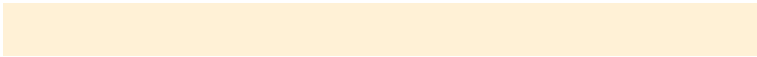
53, 0.007, 296.813

Same Dimension

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



87, 11.204, 87.634



95, 14.484, 87.314



89, 16.103, 114.365



47, 4.680, 88.156



54, 63.123, 73.712



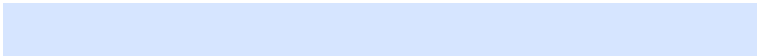
14, 21.818, 76.359

Inverse Universe

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



83, 11.142, 271.266



91, 14.380, 271.648



81, 16.598, 296.551



45, 4.668, 270.668



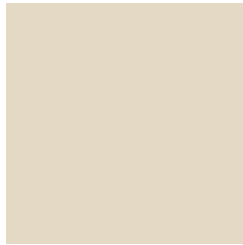
31, 72.108, 295.267



6, 24.801, 286.720

Previews

White Background



This preview shows how the CIELCh color 87, 11.203, 87.622 looks on a white background.

Color Contrast Check

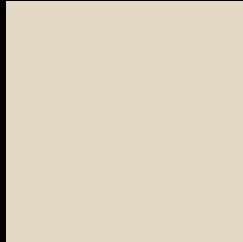
Large Text (above 18pt) WCAG AA × Fail

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, 11.203, 87.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

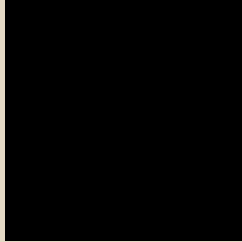
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

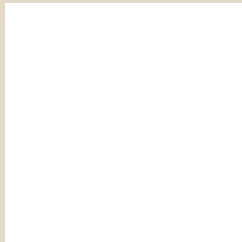
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 11.203, 87.622

Background



This preview shows how black text looks on a background with the CIELCh color 87, 11.203, 87.622.

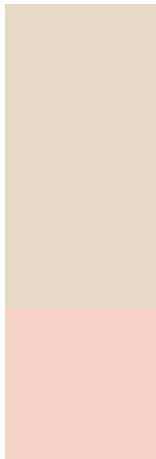


This preview shows how white text looks on a background with the CIELCh color 87, 11.203, 87.622.

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, 11.203, 87.622

Protanopia

87, 11.070, 89.446

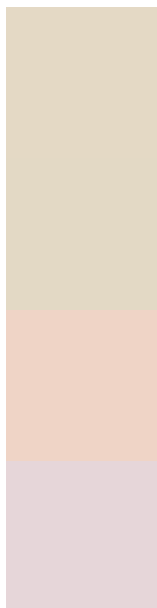
Deuteranopia

87, 15.096, 44.618



Tritanopia
87, 11.462, 329.330

Trichromacy



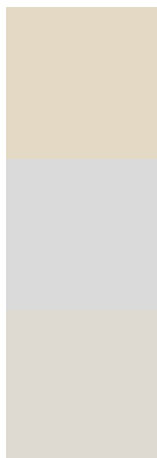
Original Color
87, 11.203, 87.622

Protanomaly
87, 11.070, 89.446

Deuteranomaly
87, 12.588, 55.273

Tritanomaly
87, 6.041, 4.752

Monochromacy



Original Color
87, 11.203, 87.622

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 4.404, 90.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 11.203, 87.622 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, 217, 197)` looks like.

```
.text, #text, p{  
    color:rgb(228, 217, 197)  
}
```

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, 217, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 217, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 11.203, 87.622 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, 217, 197) }
```

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

```
.border{ border-color:rgb(228, 217, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 217, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 217, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 217, 197);  
box-shadow:4px 4px 4px 4px rgb(228, 217,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 11.203, 87.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 217, 197) }
```

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

```
.background{ background-color: rgb(228,  
217, 197) }
```

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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