

Converting Colors

CIELCh(87, 11.325, 93.549)

Have a look what the booklet for
CIELCh(87, 11.325, 93.549) contains.

CIELCh(87, 11.332, 93.879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(87, 11.332, 93.879)

Conversions

Conversions Part 1

Format	Color
Hex	E2DAC5
RGB	226, 218, 197
RGB Percent	89%, 85%, 77%
CMY	0.1156, 0.1469, 0.2292
CMYK	0.00, 0.04, 0.13, 0.12
HSL	43°, 33%, 83%
HSV	43°, 13%, 88%
XYZ	66.1949, 70.0064, 62.5736
YIQ	217.9980, 11.5090, -4.8350

Conversions

Conversions Part 2

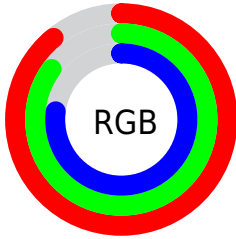
Format	Color
R _Y B	208, 226, 197
Decimal	14867141
CIE Lab	87.00, -0.77, 11.31
CIE LCh	87, 11.332, 93.879
Yxy	70.0064, 0.3330, 0.3522
Android (android.graphics.Color)	4293057221 (0xFFE2DAC5)
YUV	217.9980, -10.3520, 7.0178
Hunter-Lab	83.6698, -5.2030, 14.2280

Details

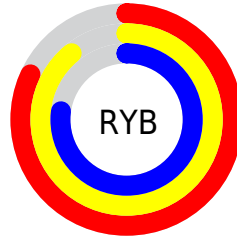
The CIELCh color **87, 11.332, 93.879** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 11.402, 277.155**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **67, 11.443, 92.762** is the 20% darker color. If you saturate the color by 10%, you get **85, 20.301, 92.640**, and if you desaturate by 10%, it is **89, 2.489, 95.037**.

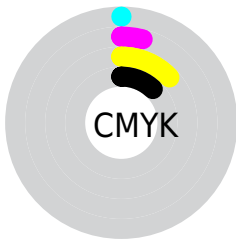
Distribution



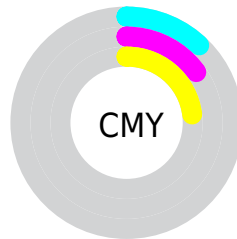
- Red (89%)
- Green (85%)
- Blue (77%)



- Red (82%)
- Yellow (89%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 11.332, 93.879 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, 11.332, 93.879 by changing the saturation by 10% instead.

■ 87, 11.332, 93.879

■ 87, 11.332, 93.879

■ 100, 11.332,
93.879

■ 77, 11.332, 93.879

■ 67, 11.332, 93.879

■ 57, 11.332, 93.879

■ 47, 11.332, 93.879

■ 37, 11.332, 93.879

■ 27, 11.332, 93.879

■ 17, 11.332, 93.879

■ 7, 11.332, 93.879

■ 0, 11.332, 93.879

87, 11.332, 93.879

87, 11.332, 93.879

85, 20.301, 92.640

89, 2.489, 95.037

83, 29.358, 91.347

91, 6.221, 276.331

81, 38.435, 90.017

93, 10.278,
270.381

79, 47.397, 88.651

95, 8.538, 248.615

77, 55.998, 87.238

96, 8.415, 221.890

76, 63.811, 85.751

98, 9.943, 199.295

74, 70.168, 84.124

98, 9.997, 198.840

72, 74.253, 82.243

71, 75.802, 80.721

Harmonies

Complementary

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



87, 11.332, 93.879



82, 11.402, 277.155

Rectangle

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



87, 11.332, 93.879



87, 11.332, 143.879



87, 11.332, 273.879



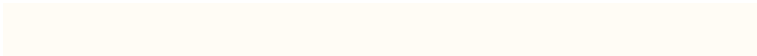
87, 11.332, 323.879

Sweetspot

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



87, 11.333, 93.890



99, 3.863, 94.922



82, 11.581, 358.340



53, 2.748, 94.841



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, 11.333, 93.890



97, 14.638, 93.613



89, 15.217, 117.787



46, 4.972, 94.303



57, 63.033, 81.141



15, 21.682, 84.212

Inverse Universe

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



82, 11.402, 277.155



90, 14.736, 277.481



81, 15.634, 299.548



44, 4.999, 276.686



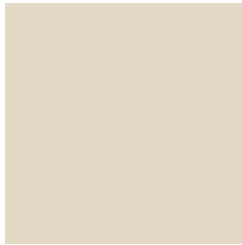
28, 80.401, 299.388



5, 25.574, 288.941

Previews

White Background



This preview shows how the CIELCh color 87, 11.332, 93.879 looks on a white background.

Color Contrast Check

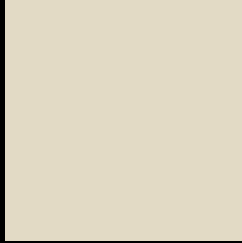
Large Text (above 18pt) WCAG AA × Fail

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, 11.332, 93.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

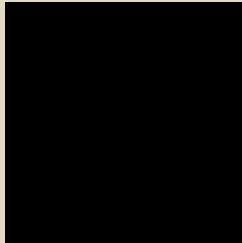
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

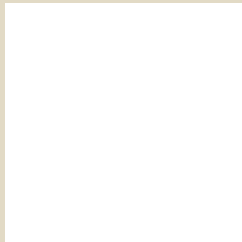
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 11.332, 93.879

Background



This preview shows how black text looks on a background with the CIELCh color 87, 11.332, 93.879.

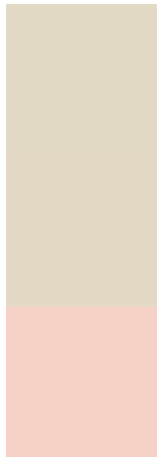


This preview shows how white text looks on a background with the CIELCh color 87, 11.332, 93.879.

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, 11.332, 93.879

Protanopia

87, 11.564, 90.250

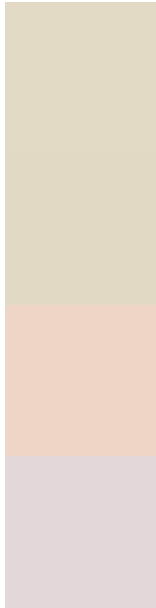
Deuteranopia

87, 15.096, 44.618



Tritanopia
87, 10.390, 326.447

Trichromacy



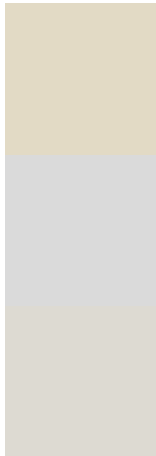
Original Color
87, 11.332, 93.879

Protanomaly
87, 11.447, 92.045

Deuteranomaly
87, 12.943, 59.858

Tritanomaly
87, 4.847, 7.216

Monochromacy



Original Color
87, 11.332, 93.879

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 4.299, 95.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 11.332, 93.879 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, 218, 197)` looks like.

```
.text, #text, p{  
    color:rgb(226, 218, 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(226, 218, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 218, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 11.332, 93.879 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, 218, 197) }
```

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

```
.border{ border-color:rgb(226, 218, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 218, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 218, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 218, 197);  
box-shadow:4px 4px 4px 4px rgb(226, 218,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 11.332, 93.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 218, 197) }
```

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

```
.background{ background-color: rgb(226,  
218, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor