

Converting Colors

CIELCh(87, 19.227, 95.867)

Have a look what the booklet for
CIELCh(87, 19.227, 95.867) contains.

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Color

CIELCh(87, 19.197, 95.830)

Conversions

Conversions Part 1

Format	Color
Hex	E5DAB6
RGB	229, 218, 182
RGB Percent	90%, 85%, 71%
CMY	0.1029, 0.1460, 0.2872
CMYK	0.00, 0.05, 0.21, 0.10
HSL	46°, 47%, 80%
HSV	46°, 21%, 90%
XYZ	65.6661, 70.0064, 54.1830
YIQ	217.1850, 18.1120, -8.8640

Conversions

Conversions Part 2

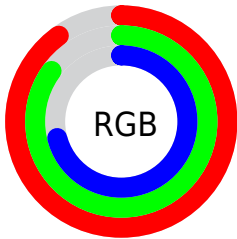
Format	Color
R _Y B	196, 229, 182
Decimal	15063734
CIE Lab	87.00, -1.95, 19.10
CIE LCh	87, 19.197, 95.830
Yxy	70.0064, 0.3459, 0.3687
Android (android.graphics.Color)	4293253814 (0xFFE5DAB6)
YUV	217.1850, -17.3462, 10.3618
Hunter-Lab	83.6698, -6.3311, 20.1738

Details

The CIELCh color **87, 19.197, 95.830** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **78, 19.525, 281.064**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.605, 109.524**, and **67, 19.100, 95.733** is the 20% darker color. If you saturate the color by 10%, you get **85, 28.656, 94.595**, and if you desaturate by 10%, it is **89, 9.797, 97.038**.

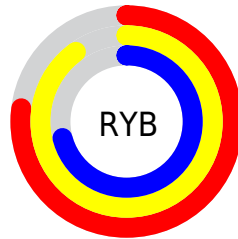
Distribution



Red (90%)

Green (85%)

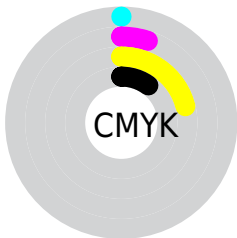
Blue (71%)



Red (77%)

Yellow (90%)

Blue (71%)

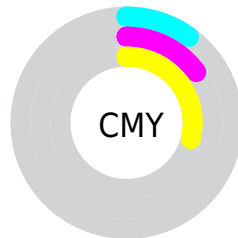


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (10%)



Cyan (10%)

Magenta (15%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 19.197, 95.830 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, 19.197, 95.830 by changing the saturation by 10% instead.

■ 87, 19.197, 95.830

■ 87, 19.197, 95.830

■ 100, 19.197,
95.830

■ 77, 19.197, 95.830

■ 67, 19.197, 95.830

■ 57, 19.197, 95.830

■ 47, 19.197, 95.830

■ 37, 19.197, 95.830

■ 27, 19.197, 95.830

■ 17, 19.197, 95.830

■ 7, 19.197, 95.830

■ 0, 19.197, 95.830

87, 19.197, 95.830

87, 19.197, 95.830

85, 28.656, 94.595

89, 9.797, 97.038

83, 38.097, 93.322

91, 0.490, 97.829

82, 47.387, 92.022

93, 8.708, 279.377

80, 56.286, 90.694

94, 8.815, 267.145

79, 64.390, 89.326

96, 7.510, 245.042

77, 71.072, 87.880

97, 7.595, 219.304

76, 75.550, 86.285

98, 8.932, 198.915

74, 77.557, 84.583

Harmonies

Complementary

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



87, 19.197, 95.830



78, 19.525, 281.064

Rectangle

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



87, 19.197, 95.830



87, 19.197, 145.830



87, 19.197, 275.830



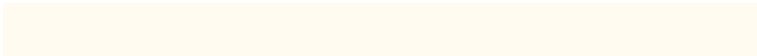
87, 19.197, 325.830

Sweetspot

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



87, 19.198, 95.837



99, 6.070, 97.555



78, 18.770, 1.632



53, 4.029, 97.482



0, 0.000, 0.000



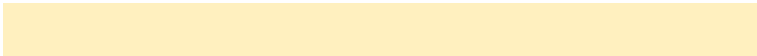
53, 0.007, 296.813

Same Dimension

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



87, 19.198, 95.837



95, 25.569, 95.269



89, 24.659, 118.617



47, 5.289, 97.164



59, 64.509, 84.925



16, 23.742, 87.801

Inverse Universe

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



78, 19.525, 281.064



83, 26.114, 281.813



76, 25.724, 301.360



45, 5.337, 279.476



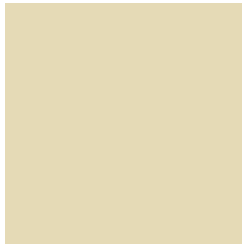
26, 85.920, 301.168



5, 28.245, 291.499

Previews

White Background



This preview shows how the CIELCh color 87, 19.197, 95.830 looks on a white background.

Color Contrast Check

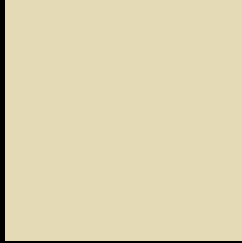
Large Text (above 18pt) WCAG AA × Fail

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, 19.197, 95.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

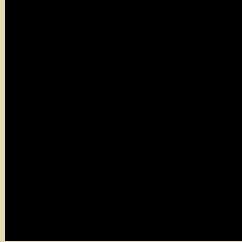
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

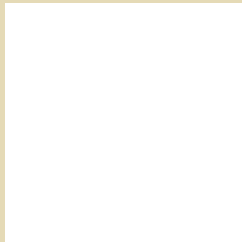
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 19.197, 95.830

Background



This preview shows how black text looks on a background with the CIELCh color 87, 19.197, 95.830.

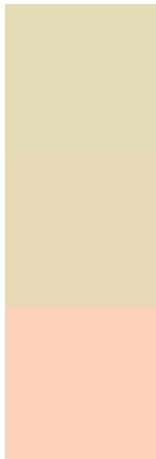


This preview shows how white text looks on a background with the CIELCh color 87, 19.197, 95.830.

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, 19.197, 95.830

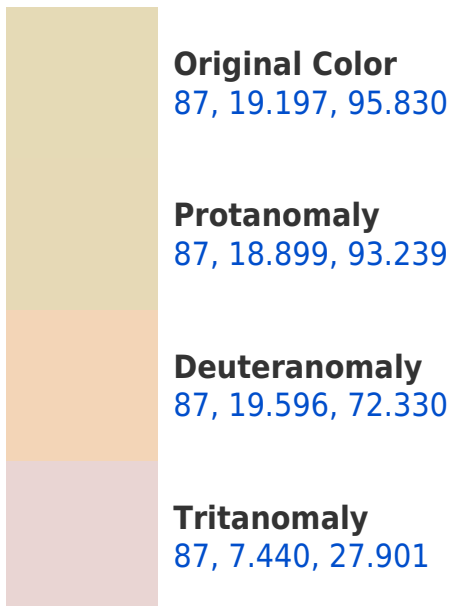
Protanopia
87, 18.899, 93.239

Deuteranopia
87, 21.480, 60.800



Tritanopia
87, 12.420, 334.618

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 19.197, 95.830 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(229, 218, 182)` looks like.

```
.text, #text, p{  
    color:rgb(229, 218, 182)  
}
```

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(229, 218, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 218, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 19.197, 95.830 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(229, 218, 182) }
```

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

```
.border{ border-color:rgb(229, 218, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 218, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 218, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 218, 182); box-shadow:4px 4px 4px 4px rgb(229, 218, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 19.197, 95.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 218, 182) }
```

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

```
.background{ background-color: rgb(229,  
218, 182) }
```

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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