

Converting Colors

CIELCh(82, 28.589, 87.895)

Have a look what the booklet for
CIELCh(82, 28.589, 87.895) contains.

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Color

CIELCh(82, 28.124, 87.590)

Conversions

Conversions Part 1

Format	Color
Hex	E1C997
RGB	225, 201, 151
RGB Percent	88%, 79%, 59%
CMY	0.1159, 0.2101, 0.4062
CMYK	0.00, 0.11, 0.33, 0.12
HSL	41°, 56%, 74%
HSV	41°, 33%, 88%
XYZ	57.7943, 60.2982, 38.0445
YIQ	202.4760, 30.3540, -10.4620

Conversions

Conversions Part 2

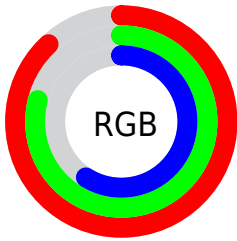
Format	Color
RYB	187, 225, 151
Decimal	14797207
CIELab	82.00, 1.18, 28.10
CIELCh	82, 28.124, 87.590
Yxy	60.2982, 0.3702, 0.3862
Android (android.graphics.Color)	4292987287 (0xFFE1C997)
YUV	202.4760, -25.3777, 19.7535
Hunter-Lab	77.6519, -3.0379, 25.3080

Details

The CIELCh color **82, 28.124, 87.590** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 28.034, 277.034**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 24.734, 108.302**, and **62, 27.936, 87.052** is the 20% darker color. If you saturate the color by 10%, you get **80, 36.962, 86.221**, and if you desaturate by 10%, it is **84, 19.381, 88.929**.

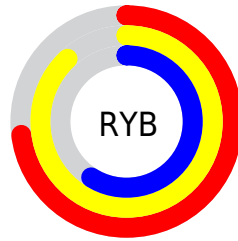
Distribution



Red (88%)

Green (79%)

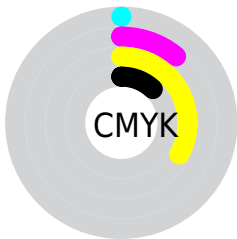
Blue (59%)



Red (73%)

Yellow (88%)

Blue (59%)

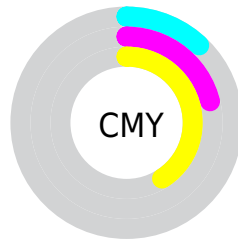


Cyan (0%)

Magenta (11%)

Yellow (33%)

Black (12%)



Cyan (12%)

Magenta (21%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 28.124, 87.590 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 82, 28.124, 87.590 by changing the saturation by 10% instead.

 82, 28.124, 87.590

 82, 28.124, 87.590

 100, 28.124,
87.590

 72, 28.124, 87.590

 62, 28.124, 87.590

 52, 28.124, 87.590

 42, 28.124, 87.590

 32, 28.124, 87.590

 22, 28.124, 87.590

 12, 28.124, 87.590

 2, 28.124, 87.590

 0, 28.124, 87.590

82, 28.124, 87.590

82, 28.124, 87.590

80, 36.962, 86.221

84, 19.381, 88.929

78, 45.778, 84.803

87, 10.783, 90.215

76, 54.352, 83.324

89, 2.353, 91.382

74, 62.283, 81.743

91, 5.907, 272.739

72, 68.913, 79.972

94, 9.657, 264.760

70, 73.375, 77.853

95, 8.279, 236.163

68, 75.221, 76.098

97, 9.269, 206.485

98, 10.027,
198.838

Harmonies

Complementary

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



82, 28.124, 87.590



71, 28.034, 277.034

Rectangle

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



82, 28.124, 87.590



82, 28.124, 137.590



82, 28.124, 267.590



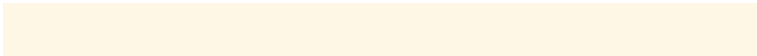
82, 28.124, 317.590

Sweetspot

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



82, 28.125, 87.596



97, 9.253, 90.560



71, 31.212, 357.366



52, 6.323, 90.385



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 28.125, 87.596



90, 37.098, 86.717



87, 38.289, 114.315



46, 4.733, 90.637



54, 62.530, 76.600



14, 20.929, 79.478

Inverse Universe

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



71, 28.034, 277.034



76, 37.005, 278.398



66, 41.348, 299.699



44, 4.737, 273.101



30, 74.830, 296.966



5, 24.309, 286.981

Previews

White Background



This preview shows how the CIELCh color 82, 28.124, 87.590 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 82, 28.124, 87.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

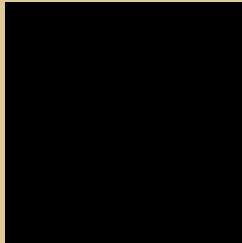
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 28.124, 87.590

Background



This preview shows how black text looks on a background with the CIELCh color 82, 28.124, 87.590.



This preview shows how white text looks on a background with the CIELCh color 82, 28.124, 87.590.

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](#).

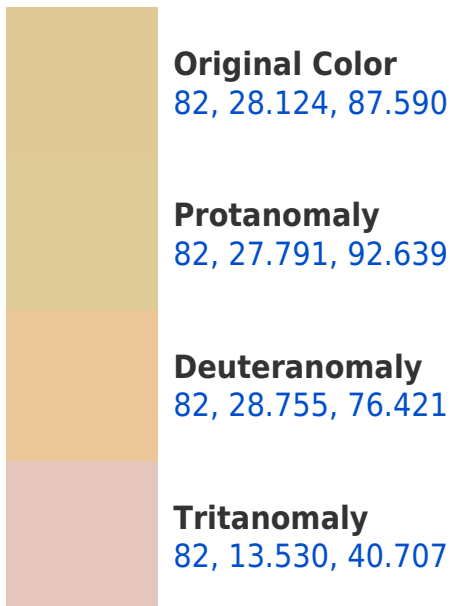
Dichromacy





Tritanopia
82, 16.094, 351.275

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 28.124, 87.590 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(225, 201, 151)` looks like.

```
.text, #text, p{  
    color:rgb(225, 201, 151)  
}
```

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(225, 201, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 201, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 28.124, 87.590 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(225, 201, 151) }
```

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

```
.border{ border-color:rgb(225, 201, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 201, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 201, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 201, 151); box-shadow:4px 4px 4px 4px rgb(225, 201, 151) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 28.124, 87.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 201, 151) }
```

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

```
.background{ background-color: rgb(225,  
201, 151) }
```

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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