

Converting Colors

CIELCh(82, 26.972, 84.996)

Have a look what the booklet for
CIELCh(82, 26.972, 84.996) contains.

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Color

CIELCh(82, 26.967, 85.048)

Conversions

Conversions Part 1

Format	Color
Hex	E3C99A
RGB	227, 201, 154
RGB Percent	89%, 79%, 60%
CMY	0.1107, 0.2126, 0.3969
CMYK	0.00, 0.11, 0.32, 0.11
HSL	39°, 56%, 75%
HSV	39°, 32%, 89%
XYZ	58.2643, 60.2982, 39.0521
YIQ	203.4160, 30.5830, -9.1050

Conversions

Conversions Part 2

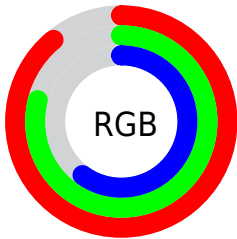
Format	Color
RYB	194, 227, 154
Decimal	14928282
CIELab	82.00, 2.33, 26.87
CIElCh	82, 26.967, 85.048
Yxy	60.2982, 0.3697, 0.3826
Android (android.graphics.Color)	4293118362 (0xFFE3C99A)
YUV	203.4160, -24.3621, 20.6832
Hunter-Lab	77.6519, -1.9574, 24.5386

Details

The CIELCh color $82, 26.967, 85.048$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $73, 26.526, 274.414$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 23.230, 108.417$, and $62, 27.251, 84.726$ is the 20% darker color. If you saturate the color by 10%, you get $80, 35.709, 83.665$, and if you desaturate by 10%, it is $84, 18.373, 86.401$.

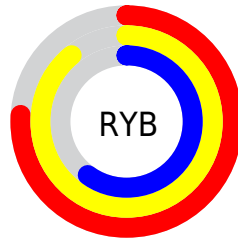
Distribution



Red (89%)

Green (79%)

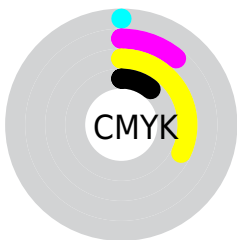
Blue (60%)



Red (76%)

Yellow (89%)

Blue (60%)

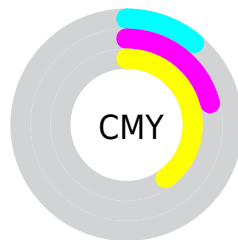


Cyan (0%)

Magenta (11%)

Yellow (32%)

Black (11%)



Cyan (11%)

Magenta (21%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 26.967, 85.048 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, 26.967, 85.048 by changing the saturation by 10% instead.

 82, 26.967, 85.048

 82, 26.967, 85.048

 100, 26.967,
85.048

 72, 26.967, 85.048

 62, 26.967, 85.048

 52, 26.967, 85.048

 42, 26.967, 85.048

 32, 26.967, 85.048

 22, 26.967, 85.048

 12, 26.967, 85.048

 2, 26.967, 85.048

 0, 26.967, 85.048

82, 26.967, 85.048

82, 26.967, 85.048

80, 35.709, 83.665

84, 18.373, 86.401

77, 44.501, 82.230

87, 9.964, 87.700

75, 53.147, 80.732

90, 1.755, 88.834

73, 61.278, 79.124

92, 6.259, 270.260

71, 68.259, 77.306

95, 8.537, 255.851

69, 73.199, 75.099

97, 8.115, 220.363

67, 75.508, 73.056

98, 9.585, 198.869

Harmonies

Complementary

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



82, 26.967, 85.048



73, 26.526, 274.414

Rectangle

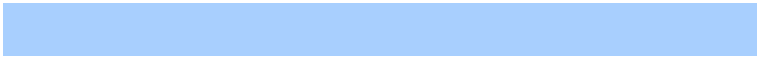
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 26.967, 85.048



82, 26.967, 135.048



82, 26.967, 265.048



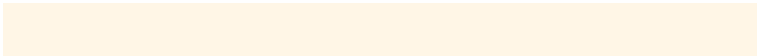
82, 26.967, 315.048

Sweetspot

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



82, 26.968, 85.054



97, 8.971, 87.966



71, 31.160, 355.008



51, 6.132, 87.788



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, 26.968, 85.054



89, 36.210, 84.076



88, 37.603, 112.925



46, 4.588, 88.043



53, 62.454, 73.618



13, 20.522, 76.204

Inverse Universe

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



73, 26.526, 274.414



77, 35.518, 275.937



67, 40.602, 298.534



44, 4.576, 270.551



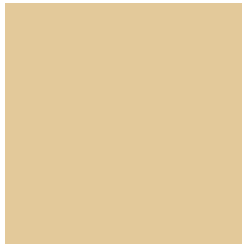
31, 71.100, 295.143



6, 23.423, 285.451

Previews

White Background



This preview shows how the CIELCh color 82, 26.967, 85.048 looks on a white background.

Color Contrast Check

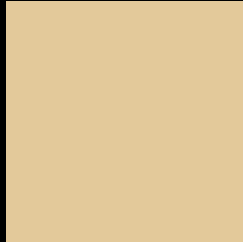
Large Text (above 18pt) WCAG AA × Fail

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, 26.967, 85.048 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, 26.967, 85.048

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.967, 85.048.

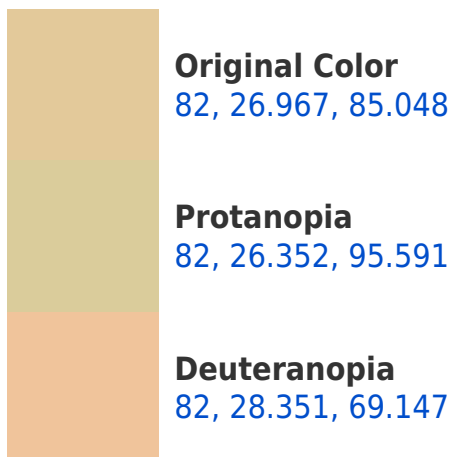


This preview shows how white text looks on a background with the CIELCh color 82, 26.967, 85.048.

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](#).

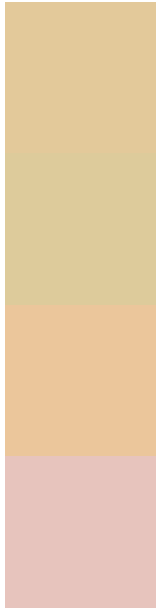
Dichromacy





Tritanopia
82, 16.997, 351.030

Trichromacy



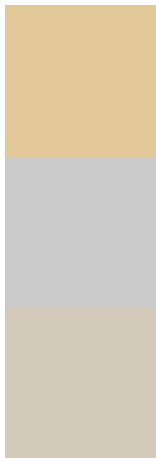
Original Color
82, 26.967, 85.048

Protanomaly
82, 26.279, 91.958

Deuteranomaly
82, 27.387, 74.952

Tritanomaly
82, 13.912, 35.671

Monochromacy



Original Color
82, 26.967, 85.048

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 9.739, 86.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 26.967, 85.048 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(227, 201, 154)` looks like.

```
.text, #text, p{  
    color:rgb(227, 201, 154)  
}
```

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(227, 201, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 201, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.967, 85.048 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(227, 201, 154) }
```

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

```
.border{ border-color:rgb(227, 201, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 201, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 201, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 201, 154); box-shadow:4px 4px 4px 4px rgb(227, 201, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.967, 85.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 201, 154) }
```

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

```
.background{ background-color: rgb(227,  
201, 154) }
```

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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