

Converting Colors

CIELCh(82, 27.140, 98.428)

Have a look what the booklet for
CIELCh(82, 27.140, 98.428) contains.

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Color

CIELCh(82, 27.116, 98.442)

Conversions

Conversions Part 1

Format	Color
Hex	D8CD9A
RGB	216, 205, 154
RGB Percent	85%, 80%, 60%
CMY	0.1547, 0.1978, 0.3977
CMYK	0.00, 0.05, 0.29, 0.15
HSL	49°, 44%, 72%
HSV	49°, 29%, 85%
XYZ	55.7065, 60.2982, 39.0885
YIQ	202.4750, 22.9270, -13.5290

Conversions

Conversions Part 2

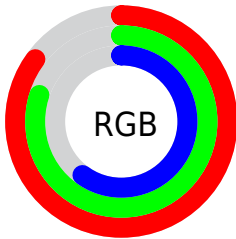
Format	Color
RYB	167, 216, 154
Decimal	14208410
CIELab	82.00, -3.98, 26.82
CIELCh	82, 27.116, 98.442
Yxy	60.2982, 0.3592, 0.3888
Android (android.graphics.Color)	4292398490 (0xFFD8CD9A)
YUV	202.4750, -23.8982, 11.8614
Hunter-Lab	77.6519, -7.8371, 24.5108

Details

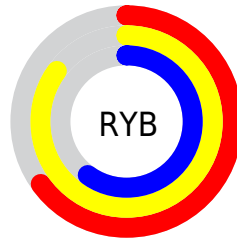
The CIELCh color **82, 27.116, 98.442** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 28.183, 285.698**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 23.230, 108.417**, and **62, 27.371, 98.967** is the 20% darker color. If you saturate the color by 10%, you get **81, 36.507, 97.258**, and if you desaturate by 10%, it is **83, 17.661, 99.614**.

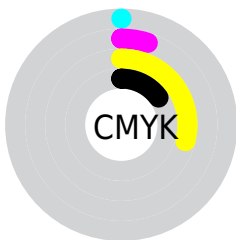
Distribution



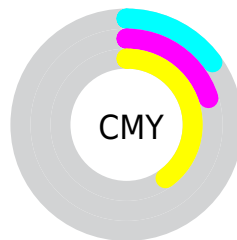
- Red (85%)
- Green (80%)
- Blue (60%)



- Red (65%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (15%)





- Cyan (15%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 27.116, 98.442 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, 27.116, 98.442 by changing the saturation by 10% instead.

 82, 27.116, 98.442


 82, 27.116, 98.442

 100, 27.116,
98.442

 72, 27.116, 98.442


 62, 27.116, 98.442

 52, 27.116, 98.442

 42, 27.116, 98.442

 32, 27.116, 98.442

 22, 27.116, 98.442

 12, 27.116, 98.442

 2, 27.116, 98.442

 0, 27.116, 98.442

82, 27.116, 98.442

82, 27.116, 98.442

81, 36.507, 97.258

83, 17.661, 99.614

79, 45.696, 96.058

85, 8.215, 100.746

78, 54.459, 94.853

86, 1.180, 282.002

77, 62.425, 93.647

88, 10.501,
282.953

76, 69.038, 92.431

89, 16.481,
282.036

75, 73.613, 91.176

74, 75.802, 89.837

90, 14.745,
275.627

74, 76.017, 89.669

91, 13.238,
267.689

92, 12.042,
258.007

93, 11.250,

Harmonies

Complementary

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



82, 27.116, 98.442



68, 28.183, 285.698

Rectangle

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



82, 27.116, 98.442



82, 27.116, 148.442



82, 27.116, 278.442



82, 27.116, 328.442

Sweetspot

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



82, 27.117, 98.447



98, 9.685, 100.709



70, 25.018, 7.676



52, 6.734, 100.546



0, 0.000, 0.000



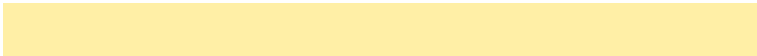
53, 0.007, 296.813

Same Dimension

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



82, 27.117, 98.447



94, 37.820, 97.666



83, 33.126, 120.798



44, 5.303, 100.672



59, 64.017, 89.907



14, 20.860, 93.135

Inverse Universe

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



68, 28.183, 285.698



75, 39.755, 286.883



67, 35.040, 304.308



42, 5.372, 282.858



23, 88.342, 303.004



3, 24.221, 289.680

Previews

White Background



This preview shows how the CIELCh color 82, 27.116, 98.442 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 CIE LCh color 82, 27.116, 98.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

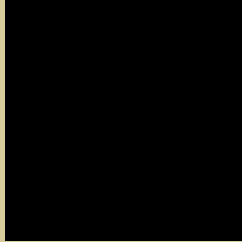
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 27.116, 98.442

Background



This preview shows how black text looks on a background with the CIELCh color 82, 27.116, 98.442.



This preview shows how white text looks on a background with the CIELCh color 82, 27.116, 98.442.

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


82, 27.116, 98.442

Protanopia

82, 27.371, 95.927

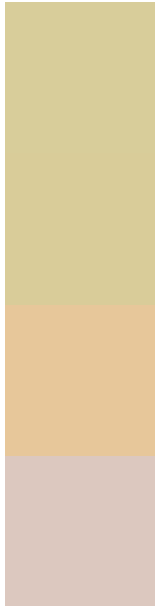
Deuteranopia

82, 28.351, 69.147



Tritanopia
82, 12.400, 340.608

Trichromacy



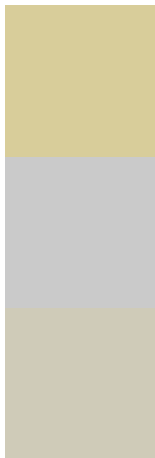
Original Color
82, 27.116, 98.442

Protanomaly
82, 27.288, 96.756

Deuteranomaly
82, 27.179, 79.574

Tritanomaly
82, 8.932, 51.877

Monochromacy



Original Color
82, 27.116, 98.442

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 10.139, 100.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 27.116, 98.442 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(216, 205, 154)` looks like.

```
.text, #text, p{  
    color:rgb(216, 205, 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(216, 205, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 205, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 27.116, 98.442 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(216, 205, 154) }
```

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

```
.border{ border-color:rgb(216, 205, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 205, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 205, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 205, 154);  
box-shadow:4px 4px 4px 4px rgb(216, 205,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 27.116, 98.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 205, 154) }
```

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

```
.background{ background-color: rgb(216,  
205, 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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