

Converting Colors

CIELCh(82, 36.685, 98.753)

Have a look what the booklet for
CIELCh(82, 36.685, 98.753) contains.

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Color

CIELCh(82, 36.898, 98.579)

Conversions

Conversions Part 1

Format	Color
Hex	DACD87
RGB	218, 205, 135
RGB Percent	85%, 80%, 53%
CMY	0.1452, 0.1962, 0.4707
CMYK	0.00, 0.06, 0.38, 0.15
HSL	51°, 53%, 69%
HSV	51°, 38%, 85%
XYZ	55.1003, 60.2982, 31.6464
YIQ	200.9070, 30.2180, -19.0140

Conversions

Conversions Part 2

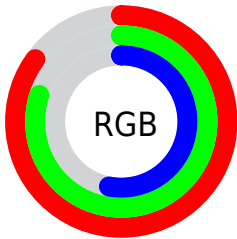
Format	Color
RYB	150, 218, 135
Decimal	14339463
CIELab	82.00, -5.50, 36.49
CIELCh	82, 36.898, 98.579
Yxy	60.2982, 0.3747, 0.4101
Android (android.graphics.Color)	4292529543 (0xFFDACD87)
YUV	200.9070, -32.4922, 14.9906
Hunter-Lab	77.6519, -9.2306, 30.1932

Details

The CIELCh color **82, 36.898, 98.579** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 39.236, 288.492**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 33.205, 107.650**, and **62, 36.953, 98.449** is the 20% darker color. If you saturate the color by 10%, you get **81, 46.313, 97.416**, and if you desaturate by 10%, it is **83, 27.264, 99.743**.

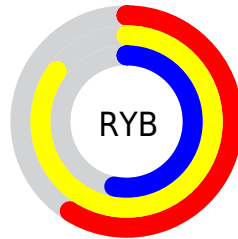
Distribution



Red (85%)

Green (80%)

Blue (53%)



Red (59%)

Yellow (85%)

Blue (53%)

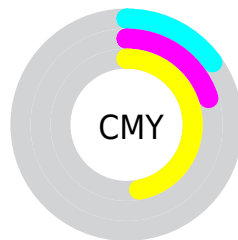


Cyan (0%)

Magenta (6%)

Yellow (38%)

Black (15%)



Cyan (15%)

Magenta (20%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 36.898, 98.579 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, 36.898, 98.579 by changing the saturation by 10% instead.

 82, 36.898, 98.579

 82, 36.898, 98.579

 100, 36.898,
98.579

 72, 36.898, 98.579

 62, 36.898, 98.579

 52, 36.898, 98.579

 42, 36.898, 98.579

 32, 36.898, 98.579

 22, 36.898, 98.579

 12, 36.898, 98.579

 2, 36.898, 98.579

 0, 36.898, 98.579

82, 36.898, 98.579

82, 36.898, 98.579

81, 46.313, 97.416

83, 27.264, 99.743

80, 55.276, 96.254

85, 17.543,
100.885

79, 63.416, 95.103

86, 7.817, 101.994

78, 70.184, 93.965

87, 1.869, 283.176

77, 74.906, 92.821

89, 11.490,
284.159

76, 77.175, 91.635

76, 77.492, 91.406

90, 15.513,
282.122

91, 13.960,
276.098

92, 12.596,
268.712

93, 11.486,

259.768

Harmonies

Complementary

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



82, 36.898, 98.579



63, 39.236, 288.492

Rectangle

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



82, 36.898, 98.579



82, 36.898, 148.579



82, 36.898, 278.579



82, 36.898, 328.579

Sweetspot

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



82, 36.899, 98.583



98, 12.105, 101.664



65, 34.030, 10.407



52, 8.137, 101.513



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, 36.899, 98.583



93, 50.396, 97.611



83, 44.125, 120.949



45, 5.525, 101.846



61, 65.420, 91.605



16, 22.702, 94.422

Inverse Universe

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



63, 39.236, 288.492



67, 54.657, 290.219



62, 47.601, 305.596



43, 5.605, 284.000



23, 91.173, 303.612



3, 26.413, 291.295

Previews

White Background



This preview shows how the CIELCh color 82, 36.898, 98.579 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, 36.898, 98.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

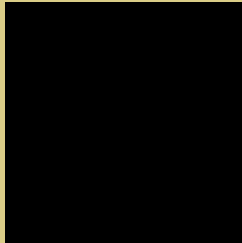
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 36.898, 98.579

Background



This preview shows how black text looks on a background with the CIELCh color 82, 36.898, 98.579.



This preview shows how white text looks on a background with the CIELCh color 82, 36.898, 98.579.

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, 36.898, 98.579

Protanopia

82, 36.725, 95.948

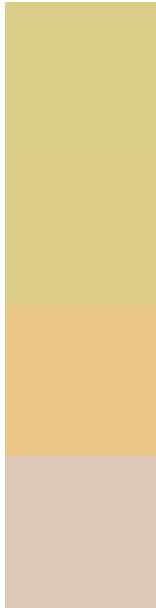
Deuteranopia

82, 37.169, 74.063



Tritanopia
82, 13.571, 344.753

Trichromacy



Original Color
82, 36.898, 98.579

Protanomaly
82, 36.643, 96.583

Deuteranomaly
82, 36.514, 83.009

Tritanomaly
82, 12.542, 62.040

Monochromacy



Original Color
82, 36.898, 98.579

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 13.339, 100.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 36.898, 98.579 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(218, 205, 135)` looks like.

```
.text, #text, p{  
    color:rgb(218, 205, 135)  
}
```

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(218, 205, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 205, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 36.898, 98.579 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(218, 205, 135) }
```

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

```
.border{ border-color:rgb(218, 205, 135) }
```

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

Here you see how a box with a 4 pixel rgb(218, 205, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 205, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 205, 135);  
box-shadow:4px 4px 4px 4px rgb(218, 205,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 36.898, 98.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 205, 135) }
```

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

```
.background{ background-color: rgb(218,  
205, 135) }
```

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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