

Converting Colors

CIELCh(82, 34.183, 99.734)

Have a look what the booklet for
CIELCh(82, 34.183, 99.734) contains.

CIELCh(82, 34.255, 99.606)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 34.255, 99.606)

Conversions

Conversions Part 1

Format	Color
Hex	D8CD8C
RGB	216, 205, 140
RGB Percent	85%, 80%, 55%
CMY	0.1521, 0.1952, 0.4502
CMYK	0.00, 0.05, 0.35, 0.15
HSL	51°, 49%, 70%
HSV	51°, 35%, 85%
XYZ	55.0163, 60.2982, 33.6288
YIQ	200.8790, 27.4210, -17.8830

Conversions

Conversions Part 2

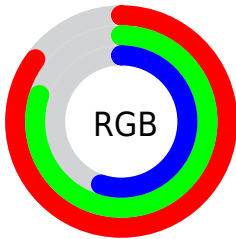
Format	Color
R _{YB}	153, 216, 140
Decimal	14208396
CIE Lab	82.00, -5.72, 33.77
CIE LCh	82, 34.255, 99.606
Yxy	60.2982, 0.3694, 0.4048
Android (android.graphics.Color)	4292398476 (0xFFD8CD8C)
YUV	200.8790, -30.0133, 13.2611
Hunter-Lab	77.6519, -9.4238, 28.6795

Details

The CIELCh color **82, 34.255, 99.606** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 36.314, 288.528**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 30.724, 107.841**, and **62, 34.248, 99.692** is the 20% darker color. If you saturate the color by 10%, you get **81, 43.770, 98.464**, and if you desaturate by 10%, it is **83, 24.554, 100.750**.

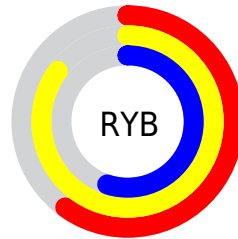
Distribution



Red (85%)

Green (80%)

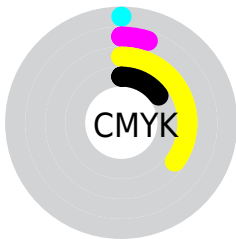
Blue (55%)



Red (60%)

Yellow (85%)

Blue (55%)

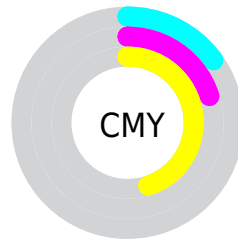


Cyan (0%)

Magenta (5%)

Yellow (35%)

Black (15%)



Cyan (15%)

Magenta (20%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 34.255, 99.606 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, 34.255, 99.606 by changing the saturation by 10% instead.

82, 34.255, 99.606

82, 34.255, 99.606

100, 34.255,
99.606

72, 34.255, 99.606

62, 34.255, 99.606

52, 34.255, 99.606

42, 34.255, 99.606

32, 34.255, 99.606

22, 34.255, 99.606

12, 34.255, 99.606

2, 34.255, 99.606

0, 34.255, 99.606

82, 34.255, 99.606

82, 34.255, 99.606

81, 43.770, 98.464

83, 24.554,
100.750

80, 52.894, 97.323

84, 14.784,
101.871

79, 61.303, 96.199

78, 68.502, 95.098

86, 5.014, 102.951

77, 73.848, 94.016

87, 4.715, 284.072

76, 76.761, 92.924

88, 14.381,
285.078

76, 77.540, 92.388

89, 16.290,
282.310

90, 14.849,
277.128

91, 13.552,
270.927

■ 92, 12.444,
263.556

Harmonies

Complementary

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



82, 34.255, 99.606



64, 36.314, 288.528

Rectangle

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



82, 34.255, 99.606



82, 34.255, 149.606



82, 34.255, 279.606



82, 34.255, 329.606

Sweetspot

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



82, 34.256, 99.610



98, 12.255, 102.316



66, 30.986, 11.186



52, 8.237, 102.167



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, 34.256, 99.610



94, 46.628, 98.781



83, 40.708, 121.769



45, 5.486, 102.499



61, 65.140, 92.576



15, 21.561, 95.598

Inverse Universe

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



64, 36.314, 288.528



69, 50.258, 289.941



63, 43.541, 305.907



42, 5.569, 284.625



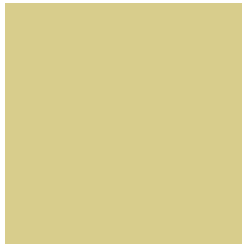
22, 91.048, 303.892



3, 24.825, 290.568

Previews

White Background



This preview shows how the CIELCh color 82, 34.255, 99.606 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, 34.255, 99.606 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

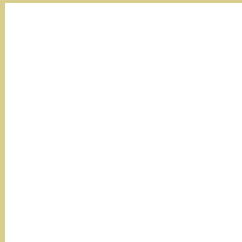
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 34.255, 99.606

Background



This preview shows how black text looks on a background with the CIELCh color 82, 34.255, 99.606.



This preview shows how white text looks on a background with the CIELCh color 82, 34.255, 99.606.

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, 34.255, 99.606

Protanopia

82, 34.218, 95.438

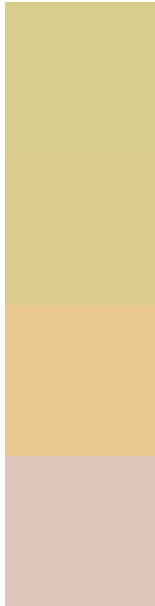
Deuteranopia

82, 34.682, 72.673



Tritanopia
82, 13.302, 340.952

Trichromacy



Original Color
82, 34.255, 99.606

Protanomaly
82, 34.049, 96.792

Deuteranomaly
82, 33.752, 82.870

Tritanomaly
82, 10.866, 58.906

Monochromacy



Original Color
82, 34.255, 99.606

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 12.755, 102.156

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 34.255, 99.606 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(216, 205, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 205, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 34.255, 99.606 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, 140) }
```

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

```
.border{ border-color:rgb(216, 205, 140) }
```

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, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 205, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 205, 140);  
box-shadow:4px 4px 4px 4px rgb(216, 205,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 34.255, 99.606 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, 140) }
```

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

```
.background{ background-color: rgb(216,  
205, 140) }
```

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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