

Converting Colors

CIELCh(81, 34.791, 94.739)

Have a look what the booklet for
CIELCh(81, 34.791, 94.739) contains.

CIELCh(81, 34.900, 94.824)	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(81, 34.900, 94.824)

Conversions

Conversions Part 1

Format	Color
Hex	DBC988
RGB	219, 201, 136
RGB Percent	86%, 79%, 53%
CMY	0.1421, 0.2126, 0.4675
CMYK	0.00, 0.08, 0.38, 0.14
HSL	47°, 53%, 70%
HSV	47°, 38%, 86%
XYZ	54.4129, 58.4711, 31.6354
YIQ	198.9720, 31.5930, -16.3990

Conversions

Conversions Part 2

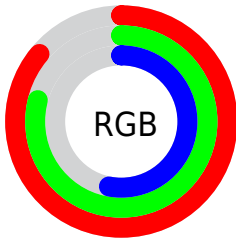
Format	Color
RYB	159, 219, 136
Decimal	14403976
CIELab	81.00, -2.93, 34.78
CIELCh	81, 34.900, 94.824
Yxy	58.4711, 0.3765, 0.4046
Android (android.graphics.Color)	4292594056 (0xFFDBC988)
YUV	198.9720, -31.0452, 17.5646
Hunter-Lab	76.4664, -6.7970, 28.9972

Details

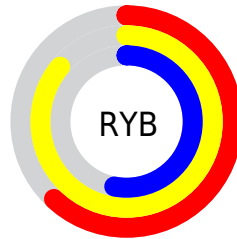
The CIELCh color **81, 34.900, 94.824** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 36.393, 285.197**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 32.709, 107.688**, and **61, 34.935, 94.476** is the 20% darker color. If you saturate the color by 10%, you get **79, 44.006, 93.564**, and if you desaturate by 10%, it is **83, 25.667, 96.069**.

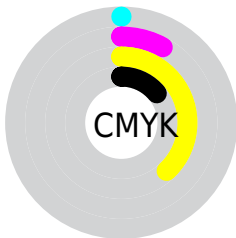
Distribution



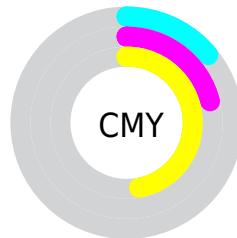
- Red (86%)
- Green (79%)
- Blue (53%)



- Red (62%)
- Yellow (86%)
- Blue (53%)



- Cyan (0%)
- Magenta (8%)
- Yellow (38%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 34.900, 94.824 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 81, 34.900, 94.824 by changing the saturation by 10% instead.

 81, 34.900, 94.824

 81, 34.900, 94.824

 100, 34.900,
94.824

 71, 34.900, 94.824

 61, 34.900, 94.824

 51, 34.900, 94.824

 41, 34.900, 94.824

 31, 34.900, 94.824

 21, 34.900, 94.824

 11, 34.900, 94.824

 1, 34.900, 94.824

 0, 34.900, 94.824

81, 34.900, 94.824

81, 34.900, 94.824

79, 44.006, 93.564

83, 25.667, 96.069

78, 52.778, 92.280

84, 16.420, 97.280

77, 60.870, 90.971

86, 7.223, 98.446

75, 67.738, 89.614

88, 1.891, 279.706

74, 72.665, 88.160

89, 10.906,
280.725

73, 75.124, 86.535

91, 13.733,
276.429

72, 75.502, 86.191

92, 11.894,
265.598

93, 10.609,
251.615

95, 10.082,
235.151

Harmonies

Complementary

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



81, 34.900, 94.824



64, 36.393, 285.197

Rectangle

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



81, 34.900, 94.824



81, 34.900, 144.824



81, 34.900, 274.824



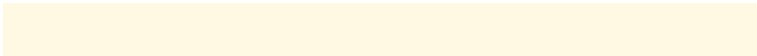
81, 34.900, 324.824

Sweetspot

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



81, 34.901, 94.828



98, 11.370, 98.084



66, 34.311, 5.359



52, 7.646, 97.925



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 34.901, 94.828



91, 47.856, 93.759



84, 43.558, 118.228



45, 5.187, 98.275



58, 63.566, 86.492



15, 21.437, 89.644

Inverse Universe

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



64, 36.393, 285.197



69, 50.651, 287.028



62, 47.311, 303.449



43, 5.241, 280.542



25, 85.666, 301.742



4, 25.219, 289.662

Previews

White Background



This preview shows how the CIELCh color 81, 34.900, 94.824 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 81, 34.900, 94.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

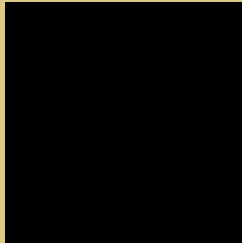
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 34.900, 94.824

Background



This preview shows how black text looks on a background with the CIELCh color 81, 34.900, 94.824.



This preview shows how white text looks on a background with the CIELCh color 81, 34.900, 94.824.

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

81, 34.900, 94.824

Protanopia

81, 34.808, 95.489

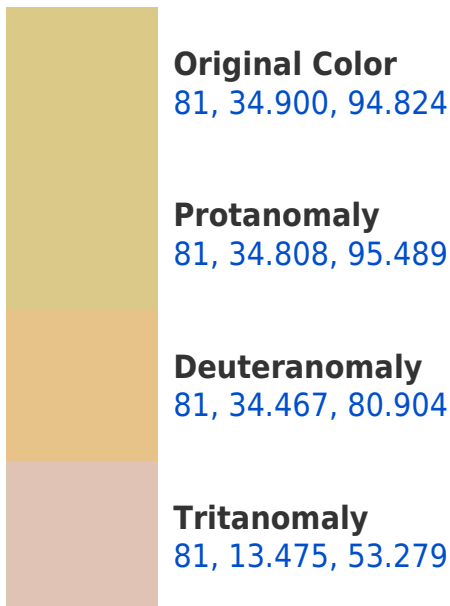
Deuteranopia

81, 35.245, 73.013



Tritanopia
81, 15.162, 349.083

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 34.900, 94.824 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(219, 201, 136)` looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 136)  
}
```

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(219, 201, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 34.900, 94.824 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(219, 201, 136) }
```

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

```
.border{ border-color:rgb(219, 201, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 201, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 201, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 201, 136);  
box-shadow:4px 4px 4px 4px rgb(219, 201,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 34.900, 94.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 201, 136) }
```

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

```
.background{ background-color: rgb(219,  
201, 136) }
```

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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