

Converting Colors

CIELCh(81, 38.371, 95.554)

Have a look what the booklet for
CIELCh(81, 38.371, 95.554) contains.

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Color

CIELCh(81, 38.402, 95.532)

Conversions

Conversions Part 1

Format	Color
Hex	DBC981
RGB	219, 201, 129
RGB Percent	86%, 79%, 51%
CMY	0.1408, 0.2114, 0.4938
CMYK	0.00, 0.08, 0.41, 0.14
HSL	48°, 56%, 68%
HSV	48°, 41%, 86%
XYZ	54.1118, 58.4711, 29.2296
YIQ	198.1740, 33.8400, -18.5760

Conversions

Conversions Part 2

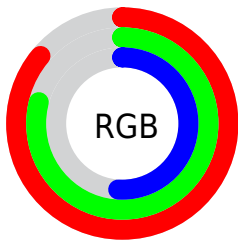
Format	Color
RYB	152, 219, 129
Decimal	14403969
CIELab	81.00, -3.70, 38.22
CIELCh	81, 38.402, 95.532
Yxy	58.4711, 0.3816, 0.4123
Android (android.graphics.Color)	4292594049 (0xFFDBC981)
YUV	198.1740, -34.1028, 18.2644
Hunter-Lab	76.4664, -7.4998, 30.8626

Details

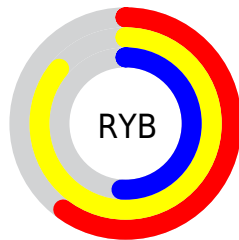
The CIELCh color **81, 38.402, 95.532** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 40.506, 286.802**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 36.170, 107.421**, and **61, 38.414, 95.724** is the 20% darker color. If you saturate the color by 10%, you get **80, 47.522, 94.293**, and if you desaturate by 10%, it is **82, 29.075, 96.762**.

Distribution



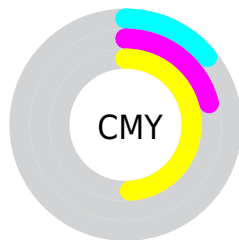
- Red (86%)
- Green (79%)
- Blue (51%)



- Red (60%)
- Yellow (86%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (41%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 38.402, 95.532 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, 38.402, 95.532 by changing the saturation by 10% instead.

 81, 38.402, 95.532

 81, 38.402, 95.532

 100, 38.402,
95.532

 71, 38.402, 95.532

 61, 38.402, 95.532

 51, 38.402, 95.532

 41, 38.402, 95.532

 31, 38.402, 95.532

 21, 38.402, 95.532

 11, 38.402, 95.532

 1, 38.402, 95.532

 0, 38.402, 95.532

81, 38.402, 95.532

81, 38.402, 95.532

80, 47.522, 94.293

82, 29.075, 96.762

78, 56.180, 93.038

84, 19.682, 97.963

77, 63.967, 91.763

86, 10.307, 99.130

76, 70.273, 90.449

87, 0.993, 100.115

74, 74.380, 89.044

89, 8.235, 281.402

73, 76.122, 87.681

91, 14.552,
280.314

92, 12.671,
271.513

93, 11.180,
260.103

94, 10.243,
246.020

Harmonies

Complementary

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



81, 38.402, 95.532



62, 40.506, 286.802

Rectangle

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



81, 38.402, 95.532



81, 38.402, 145.532



81, 38.402, 275.532



81, 38.402, 325.532

Sweetspot

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



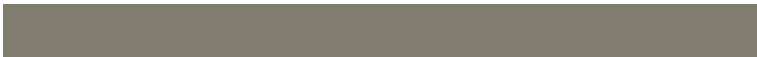
81, 38.403, 95.536



98, 12.629, 99.013



64, 37.176, 8.419



52, 8.381, 98.861



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, 38.403, 95.536



91, 51.619, 94.501



84, 47.363, 119.432



45, 5.279, 99.317



59, 64.023, 87.956



15, 21.775, 91.040

Inverse Universe

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



62, 40.506, 286.802



66, 55.411, 288.665



60, 51.675, 304.793



43, 5.340, 281.553



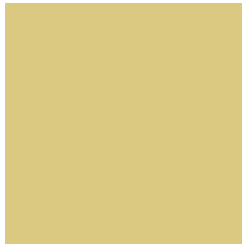
24, 87.303, 302.319



4, 25.550, 290.133

Previews

White Background



This preview shows how the CIELCh color 81, 38.402, 95.532 looks on a white background.

Color Contrast Check

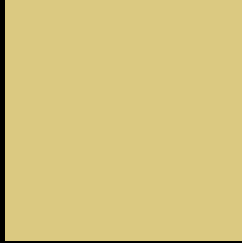
Large Text (above 18pt) WCAG AA × Fail

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, 38.402, 95.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

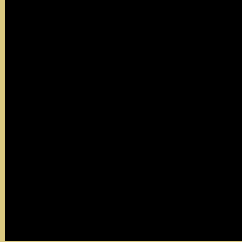
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 38.402, 95.532

Background



This preview shows how black text looks on a background with the CIELCh color 81, 38.402, 95.532.



This preview shows how white text looks on a background with the CIELCh color 81, 38.402, 95.532.

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, 38.402, 95.532

Protanopia

81, 38.402, 95.532

Deuteranopia

81, 38.892, 74.513



Tritanopia
81, 15.162, 349.083

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 38.402, 95.532 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 38.402, 95.532 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, 129) }
```

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

```
.border{ border-color:rgb(219, 201, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 201, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 201, 129);  
box-shadow:4px 4px 4px 4px rgb(219, 201,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 38.402, 95.532 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, 129) }
```

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

```
.background{ background-color: rgb(219,  
201, 129) }
```

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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