

Converting Colors

CIELCh(81, 31.100, 96.053)

Have a look what the booklet for
CIELCh(81, 31.100, 96.053) contains.

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Color

CIELCh(81, 31.095, 96.081)

Conversions

Conversions Part 1

Format	Color
Hex	D8C98F
RGB	216, 201, 143
RGB Percent	85%, 79%, 56%
CMY	0.1522, 0.2110, 0.4385
CMYK	0.00, 0.07, 0.34, 0.15
HSL	48°, 48%, 70%
HSV	48°, 34%, 85%
XYZ	54.2718, 58.4711, 34.4796
YIQ	198.8730, 27.5580, -14.8580

Conversions

Conversions Part 2

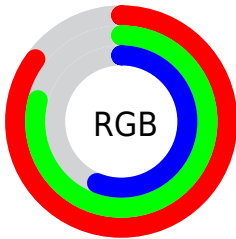
Format	Color
R_{YB}	162, 216, 143
Decimal	14207375
CIE _{Lab}	81.00, -3.29, 30.92
CIE _{LCh}	81, 31.095, 96.081
Yxy	58.4711, 0.3686, 0.3972
Android (android.graphics.Color)	4292397455 (0xFFD8C98F)
YUV	198.8730, -27.5454, 15.0204
Hunter-Lab	76.4664, -7.1263, 26.7919

Details

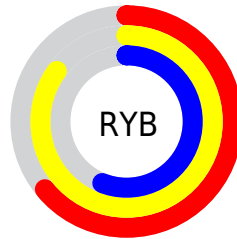
The CIELCh color **81, 31.095, 96.081** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 32.336, 285.031**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 29.230, 107.956**, and **61, 30.997, 96.040** is the 20% darker color. If you saturate the color by 10%, you get **80, 40.253, 94.848**, and if you desaturate by 10%, it is **83, 21.853, 97.300**.

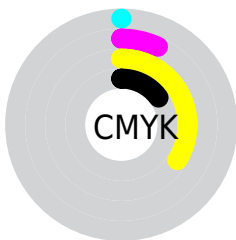
Distribution



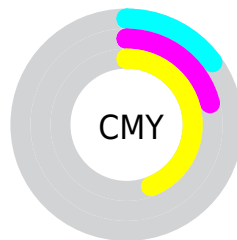
- Red (85%)
- Green (79%)
- Blue (56%)



- Red (64%)
- Yellow (85%)
- Blue (56%)



- Cyan (0%)
- Magenta (7%)
- Yellow (34%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 31.095, 96.081 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, 31.095, 96.081 by changing the saturation by 10% instead.

 81, 31.095, 96.081

 81, 31.095, 96.081

 100, 31.095,
96.081

 71, 31.095, 96.081

 61, 31.095, 96.081

 51, 31.095, 96.081

 41, 31.095, 96.081

 31, 31.095, 96.081

 21, 31.095, 96.081

 11, 31.095, 96.081

 1, 31.095, 96.081

 0, 31.095, 96.081

81, 31.095, 96.081

81, 31.095, 96.081

80, 40.253, 94.848

83, 21.853, 97.300

78, 49.158, 93.593

84, 12.615, 98.483

77, 57.531, 92.322

86, 3.434, 99.600

75, 64.916, 91.024

87, 5.665, 280.791

74, 70.665, 89.669

89, 14.668,
281.840

73, 74.079, 88.195

90, 14.545,
275.774

72, 75.187, 87.211

92, 12.818,
266.260

93, 11.538,
254.309

94, 10.855,
240.237

Harmonies

Complementary

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



81, 31.095, 96.081



66, 32.336, 285.031

Rectangle

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



81, 31.095, 96.081



81, 31.095, 146.081



81, 31.095, 276.081



81, 31.095, 326.081

Sweetspot

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



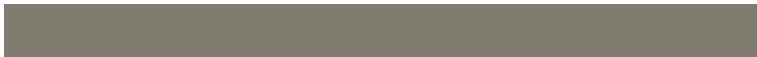
81, 31.096, 96.086



98, 10.453, 98.906



67, 29.957, 5.919



52, 7.137, 98.744



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, 31.096, 96.086



93, 43.136, 95.145



83, 38.656, 119.161



44, 5.148, 98.983



58, 63.178, 87.500



14, 20.283, 90.847

Inverse Universe

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



66, 32.336, 285.031



72, 45.428, 286.553



64, 41.482, 303.609



42, 5.206, 281.223



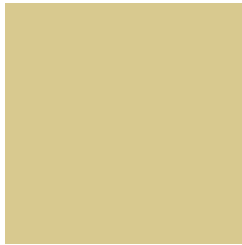
24, 85.745, 302.105



3, 23.702, 288.873

Previews

White Background



This preview shows how the CIELCh color 81, 31.095, 96.081 looks on a white background.

Color Contrast Check

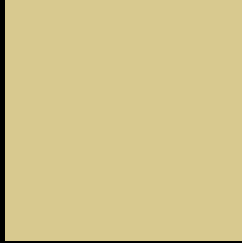
Large Text (above 18pt) WCAG AA × Fail

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, 31.095, 96.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

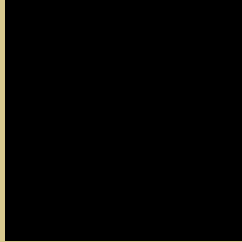
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 31.095, 96.081

Background



This preview shows how black text looks on a background with the CIELCh color 81, 31.095, 96.081.



This preview shows how white text looks on a background with the CIELCh color 81, 31.095, 96.081.

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, 31.095, 96.081

Protanopia

81, 31.183, 95.343

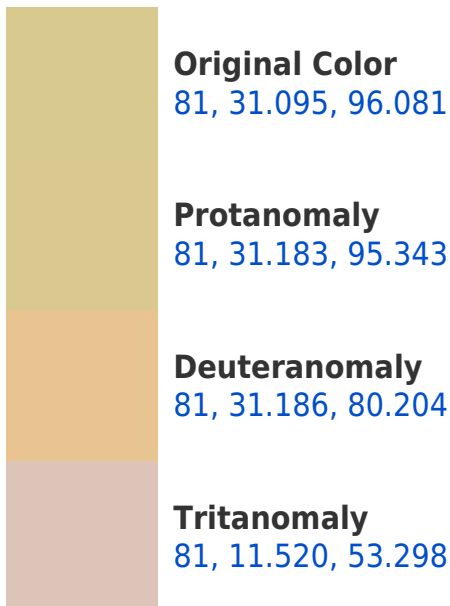
Deuteranopia

81, 32.027, 71.559

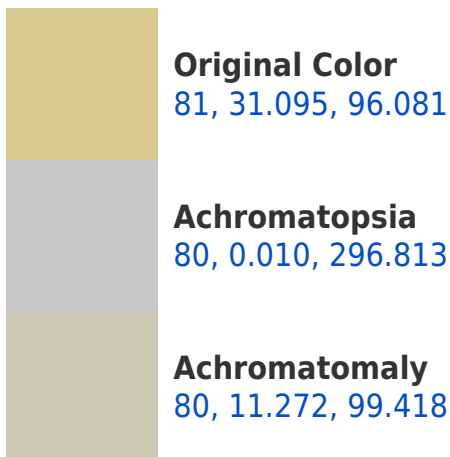


Tritanopia
81, 13.908, 345.701

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 31.095, 96.081 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, 201, 143)` looks like.

```
.text, #text, p{  
    color:rgb(216, 201, 143)  
}
```

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, 201, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 201, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 31.095, 96.081 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, 201, 143) }
```

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

```
.border{ border-color:rgb(216, 201, 143) }
```

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

Here you see how a box with a 4 pixel rgb(216, 201, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 201, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 201, 143);  
box-shadow:4px 4px 4px 4px rgb(216, 201,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 31.095, 96.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 201, 143) }
```

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

```
.background{ background-color: rgb(216,  
201, 143) }
```

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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