

Converting Colors

CIELCh(81, 30.992, 99.023)

Have a look what the booklet for
CIELCh(81, 30.992, 99.023) contains.

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Color

CIELCh(81, 30.774, 99.082)

Conversions

Conversions Part 1

Format	Color
Hex	D5CA90
RGB	213, 202, 144
RGB Percent	84%, 79%, 56%
CMY	0.1643, 0.2074, 0.4349
CMYK	0.00, 0.05, 0.32, 0.16
HSL	50°, 45%, 70%
HSV	50°, 32%, 84%
XYZ	53.6604, 58.4711, 34.8847
YIQ	198.6770, 25.1740, -15.7060

Conversions

Conversions Part 2

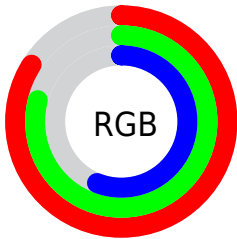
Format	Color
RYB	157, 213, 144
Decimal	14011024
CIELab	81.00, -4.86, 30.39
CIELCh	81, 30.774, 99.082
Yxy	58.4711, 0.3650, 0.3977
Android (android.graphics.Color)	4292201104 (0xFFD5CA90)
YUV	198.6770, -26.9558, 12.5613
Hunter-Lab	76.4664, -8.5536, 26.4778

Details

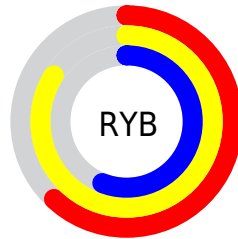
The CIELCh color **81, 30.774, 99.082** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 32.322, 287.276**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.732, 107.994**, and **61, 30.664, 99.309** is the 20% darker color. If you saturate the color by 10%, you get **80, 40.145, 97.920**, and if you desaturate by 10%, it is **82, 21.277, 100.239**.

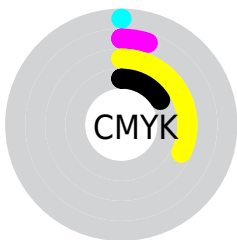
Distribution



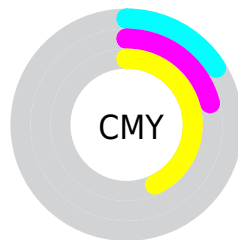
- Red (84%)
- Green (79%)
- Blue (56%)



- Red (62%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (5%)
- Yellow (32%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 30.774, 99.082 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, 30.774, 99.082 by changing the saturation by 10% instead.

■ 81, 30.774, 99.082

■ 81, 30.774, 99.082

■ 100, 30.774,
99.082

■ 71, 30.774, 99.082

■ 61, 30.774, 99.082

■ 51, 30.774, 99.082

■ 41, 30.774, 99.082

■ 31, 30.774, 99.082

■ 21, 30.774, 99.082

■ 11, 30.774, 99.082

■ 1, 30.774, 99.082

■ 0, 30.774, 99.082

81, 30.774, 99.082

81, 30.774, 99.082

80, 40.145, 97.920

82, 21.277,
100.239

79, 49.221, 96.750

84, 11.748,
101.367

78, 57.725, 95.587

76, 65.223, 94.435

85, 2.245, 102.419

75, 71.109, 93.287

86, 7.202, 283.567

75, 74.735, 92.115

88, 16.576,
284.581

74, 76.084, 91.190

89, 17.159,
281.076

90, 15.626,
275.596

91, 14.264,
269.036

■ 91, 13.123,
261.257

Harmonies

Complementary

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



81, 30.774, 99.082



65, 32.322, 287.276

Rectangle

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



81, 30.774, 99.082



81, 30.774, 149.082



81, 30.774, 279.082



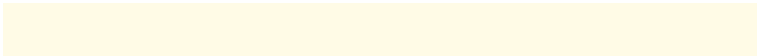
81, 30.774, 329.082

Sweetspot

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



81, 30.775, 99.086



98, 10.969, 101.618



67, 28.073, 9.474



52, 7.487, 101.462



0, 0.000, 0.000



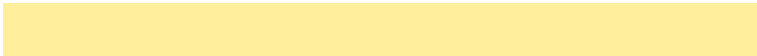
53, 0.007, 296.813

Same Dimension

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



81, 30.775, 99.086



94, 42.793, 98.268



82, 37.003, 121.259



44, 5.403, 101.693



60, 64.615, 91.390



14, 21.241, 94.513

Inverse Universe

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



65, 32.322, 287.276



72, 45.591, 288.599



64, 39.399, 305.144



42, 5.480, 283.845



23, 89.872, 303.511



3, 24.553, 290.174

Previews

White Background



This preview shows how the CIELCh color 81, 30.774, 99.082 looks on a white background.

Color Contrast Check

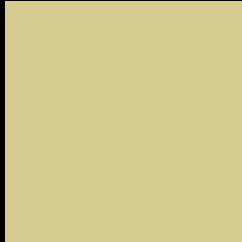
Large Text (above 18pt) WCAG AA × Fail

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, 30.774, 99.082 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

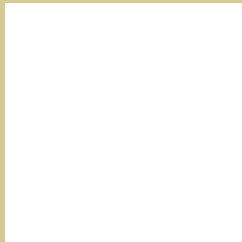
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 30.774, 99.082

Background



This preview shows how black text looks on a background with the CIELCh color 81, 30.774, 99.082.



This preview shows how white text looks on a background with the CIELCh color 81, 30.774, 99.082.

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, 30.774, 99.082

Protanopia

81, 30.676, 95.205

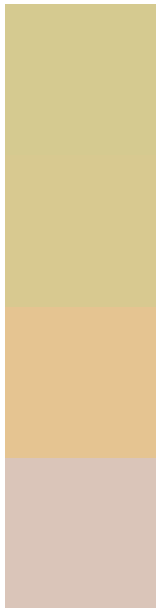
Deuteranopia

81, 31.325, 71.671



Tritanopia
81, 12.717, 341.723

Trichromacy



Original Color
81, 30.774, 99.082

Protanomaly
81, 30.587, 95.954

Deuteranomaly
81, 30.311, 81.201

Tritanomaly
81, 10.239, 58.050

Monochromacy



Original Color
81, 30.774, 99.082

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 11.216, 101.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 30.774, 99.082 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(213, 202, 144)` looks like.

```
.text, #text, p{  
    color:rgb(213, 202, 144)  
}
```

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(213, 202, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 202, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 30.774, 99.082 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(213, 202, 144) }
```

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

```
.border{ border-color:rgb(213, 202, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 202, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 202, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 202, 144);  
box-shadow:4px 4px 4px 4px rgb(213, 202,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 30.774, 99.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 202, 144) }
```

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

```
.background{ background-color: rgb(213,  
202, 144) }
```

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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