

Converting Colors

CIELCh(81, 31.690, 95.475)

Have a look what the booklet for
CIELCh(81, 31.690, 95.475) contains.

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Color

CIELCh(81, 31.690, 95.475)

Conversions

Conversions Part 1

Format	Color
Hex	D9C98E
RGB	217, 201, 142
RGB Percent	85%, 79%, 56%
CMY	0.1491, 0.2118, 0.4432
CMYK	0.00, 0.07, 0.35, 0.15
HSL	47°, 50%, 70%
HSV	47°, 35%, 85%
XYZ	54.3780, 58.4711, 34.0072
YIQ	199.0580, 28.4750, -14.9570

Conversions

Conversions Part 2

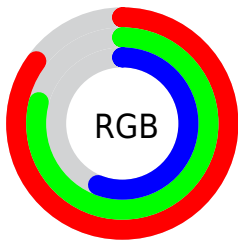
Format	Color
R_{YB}	162, 217, 142
Decimal	14272910
CIE _{Lab}	81.00, -3.02, 31.55
CIE _{LCh}	81, 31.690, 95.475
Yxy	58.4711, 0.3703, 0.3982
Android (android.graphics.Color)	4292462990 (0xFFD9C98E)
YUV	199.0580, -28.1296, 15.7351
Hunter-Lab	76.4664, -6.8784, 27.1582

Details

The CIELCh color **81, 31.690, 95.475** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 32.915, 284.732**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 29.728, 107.918**, and **61, 31.615, 95.352** is the 20% darker color. If you saturate the color by 10%, you get **79, 40.817, 94.229**, and if you desaturate by 10%, it is **83, 22.479, 96.706**.

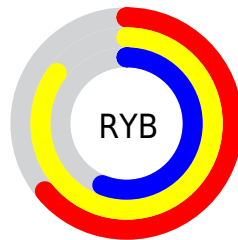
Distribution



Red (85%)

Green (79%)

Blue (56%)



Red (64%)

Yellow (85%)

Blue (56%)

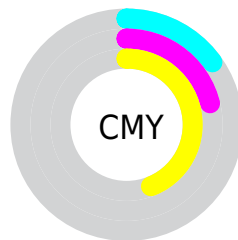


Cyan (0%)

Magenta (7%)

Yellow (35%)

Black (15%)



Cyan (15%)

Magenta (21%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 31.690, 95.475 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, 31.690, 95.475 by changing the saturation by 10% instead.

■ 81, 31.690, 95.475

■ 81, 31.690, 95.475

■ 100, 31.690,
95.475

■ 71, 31.690, 95.475

■ 61, 31.690, 95.475

■ 51, 31.690, 95.475

■ 41, 31.690, 95.475

■ 31, 31.690, 95.475

■ 21, 31.690, 95.475

■ 11, 31.690, 95.475

■ 1, 31.690, 95.475

■ 0, 31.690, 95.475

81, 31.690, 95.475

81, 31.690, 95.475

79, 40.817, 94.229

83, 22.479, 96.706

78, 49.687, 92.958

84, 13.276, 97.900

77, 58.010, 91.667

86, 4.134, 99.035

75, 65.317, 90.342

88, 4.922, 280.235

74, 70.941, 88.945

89, 13.879,
281.290

73, 74.183, 87.406

91, 14.084,
275.016

72, 75.148, 86.512

92, 12.335,
264.598

93, 11.106,
251.430

94, 10.571,
236.102

Harmonies

Complementary

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



81, 31.690, 95.475



66, 32.915, 284.732

Rectangle

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



81, 31.690, 95.475



81, 31.690, 145.475



81, 31.690, 275.475



81, 31.690, 325.475

Sweetspot

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



81, 31.691, 95.480



98, 10.368, 98.419



67, 30.793, 6.046



52, 7.079, 98.256



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, 31.691, 95.480



92, 42.840, 94.630



84, 39.655, 119.114



45, 5.206, 98.494



59, 63.657, 86.798



15, 21.506, 89.938

Inverse Universe

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



66, 32.915, 284.732



72, 44.983, 286.110



63, 42.638, 303.678



43, 5.261, 280.755



25, 86.011, 301.865



4, 25.288, 289.761

Previews

White Background



This preview shows how the CIELCh color 81, 31.690, 95.475 looks on a white background.

Color Contrast Check

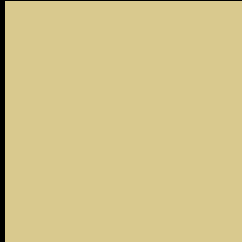
Large Text (above 18pt) WCAG AA × Fail

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, 31.690, 95.475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

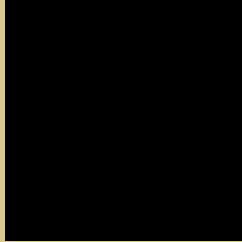
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 31.690, 95.475

Background



This preview shows how black text looks on a background with the CIELCh color 81, 31.690, 95.475.



This preview shows how white text looks on a background with the CIELCh color 81, 31.690, 95.475.

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, 31.690, 95.475

Protanopia

81, 31.690, 95.475

Deuteranopia

81, 32.468, 72.023



Tritanopia
81, 13.908, 345.701

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 31.690, 95.475 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(217, 201, 142)` looks like.

```
.text, #text, p{  
    color:rgb(217, 201, 142)  
}
```

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(217, 201, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 201, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 31.690, 95.475 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(217, 201, 142) }
```

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

```
.border{ border-color:rgb(217, 201, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 201, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 201, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 201, 142);  
box-shadow:4px 4px 4px 4px rgb(217, 201,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 31.690, 95.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 201, 142) }
```

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

```
.background{ background-color: rgb(217,  
201, 142) }
```

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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