

Converting Colors

CIELCh(80, 31.706, 92.352)

Have a look what the booklet for
CIELCh(80, 31.706, 92.352) contains.

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Color

CIELCh(80, 31.706, 92.352)

Conversions

Conversions Part 1

Format	Color
Hex	D9C58B
RGB	217, 197, 139
RGB Percent	85%, 77%, 55%
CMY	0.1482, 0.2266, 0.4541
CMYK	0.00, 0.09, 0.36, 0.15
HSL	45°, 51%, 70%
HSV	45°, 36%, 85%
XYZ	53.3672, 56.6813, 32.6293
YIQ	196.3680, 30.5380, -13.7980

Conversions

Conversions Part 2

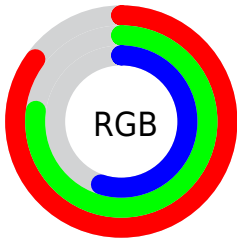
Format	Color
R_{YB}	166, 217, 139
Decimal	14271883
CIE _{Lab}	80.00, -1.30, 31.68
CIE _{LCh}	80, 31.706, 92.352
Yxy	56.6813, 0.3740, 0.3973
Android (android.graphics.Color)	4292461963 (0xFFD9C58B)
YUV	196.3680, -28.2824, 18.0943
Hunter-Lab	75.2870, -5.2223, 27.0046

Details

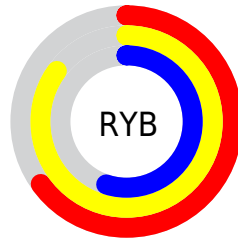
The CIELCh color **80, 31.706, 92.352** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 32.507, 282.369**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 30.745, 107.123**, and **60, 31.668, 91.949** is the 20% darker color. If you saturate the color by 10%, you get **78, 40.589, 91.043**, and if you desaturate by 10%, it is **82, 22.785, 93.638**.

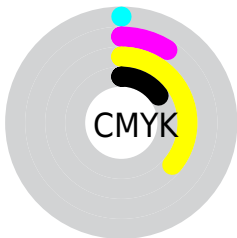
Distribution



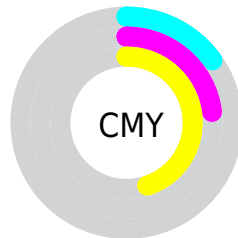
- Red (85%)
- Green (77%)
- Blue (55%)



- Red (65%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (9%)
- Yellow (36%)
- Black (15%)



- Cyan (15%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 31.706, 92.352 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 80, 31.706, 92.352 by changing the saturation by 10% instead.

■ 80, 31.706, 92.352

■ 80, 31.706, 92.352

■ 100, 31.706,
92.352

■ 70, 31.706, 92.352

■ 60, 31.706, 92.352

■ 50, 31.706, 92.352

■ 40, 31.706, 92.352

■ 30, 31.706, 92.352

■ 20, 31.706, 92.352

■ 10, 31.706, 92.352

■ 0, 31.706, 92.352

■ 80, 31.706, 92.352

■ 80, 31.706, 92.352

78, 40.589, 91.043

82, 22.785, 93.638

77, 49.265, 89.696

84, 13.911, 94.882

75, 57.445, 88.307

86, 5.132, 96.067

73, 64.643, 86.843

88, 3.533, 277.329

72, 70.157, 85.239

90, 12.077,
278.407

70, 73.253, 83.385

91, 13.304,
271.442

70, 74.072, 82.580

93, 11.477,
257.241

94, 10.557,
239.366

95, 10.762,
220.378

Harmonies

Complementary

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



80, 31.706, 92.352



66, 32.507, 282.369

Rectangle

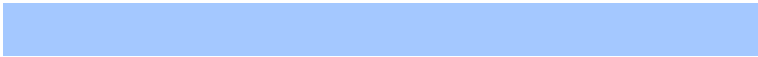
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 31.706, 92.352



80, 31.706, 142.352



80, 31.706, 272.352



80, 31.706, 322.352

Sweetspot

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



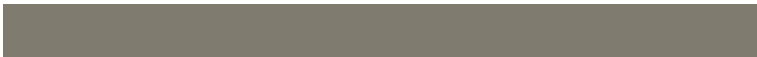
80, 31.707, 92.357



98, 10.913, 95.463



66, 32.478, 2.566



52, 7.340, 95.300



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 31.707, 92.357



91, 43.293, 91.378



84, 40.872, 116.953



45, 4.977, 95.660



57, 62.685, 82.939



14, 20.692, 86.150

Inverse Universe

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



66, 32.507, 282.369



72, 44.775, 283.967



62, 44.292, 302.182



43, 5.013, 278.002



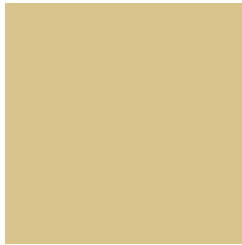
26, 81.554, 300.198



4, 24.408, 288.443

Previews

White Background



This preview shows how the CIELCh color 80, 31.706, 92.352 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 80, 31.706, 92.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

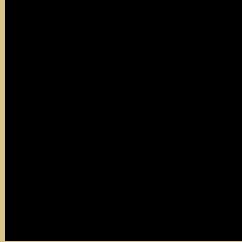
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 31.706, 92.352

Background



This preview shows how black text looks on a background with the CIELCh color 80, 31.706, 92.352.



This preview shows how white text looks on a background with the CIELCh color 80, 31.706, 92.352.

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

80, 31.706, 92.352

Protanopia

80, 31.266, 95.287

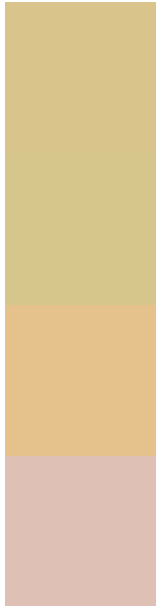
Deuteranopia

80, 32.580, 71.960



Tritanopia
80, 15.203, 349.103

Trichromacy



Original Color
80, 31.706, 92.352

Protanomaly
80, 31.360, 94.552

Deuteranomaly
80, 31.963, 79.837

Tritanomaly
80, 13.268, 48.689

Monochromacy



Original Color
80, 31.706, 92.352

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 11.457, 95.593

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 31.706, 92.352 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, 197, 139)` looks like.

```
.text, #text, p{  
    color:rgb(217, 197, 139)  
}
```

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, 197, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 197, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 31.706, 92.352 is called "border". The border property can be set on classes, ids or directly on the HTML element.

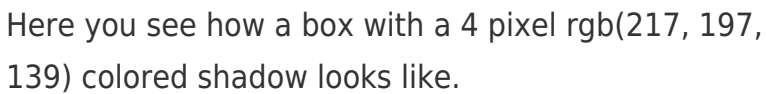
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 197, 139) }
```

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

```
.border{ border-color:rgb(217, 197, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 197, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 197, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 197, 139); box-shadow:4px 4px 4px 4px rgb(217, 197, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 31.706, 92.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 197, 139) }
```

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

```
.background{ background-color: rgb(217,  
197, 139) }
```

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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