

Converting Colors

CIELCh(80, 24.836, 97.899)

Have a look what the booklet for
CIELCh(80, 24.836, 97.899) contains.

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Color

CIELCh(80, 25.200, 97.831)

Conversions

Conversions Part 1

Format	Color
Hex	D2C798
RGB	210, 199, 152
RGB Percent	82%, 78%, 60%
CMY	0.1773, 0.2204, 0.4047
CMYK	0.00, 0.05, 0.28, 0.18
HSL	49°, 39%, 71%
HSV	49°, 28%, 82%
XYZ	52.5439, 56.6813, 37.7906
YIQ	196.9310, 21.6430, -12.2850

Conversions

Conversions Part 2

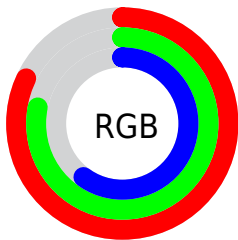
Format	Color
R_{YB}	166, 210, 152
Decimal	13813656
CIE Lab	80.00, -3.43, 24.96
CIE LCh	80, 25.200, 97.831
Yxy	56.6813, 0.3574, 0.3855
Android (android.graphics.Color)	4292003736 (0xFFD2C798)
YUV	196.9310, -22.1510, 11.4615
Hunter-Lab	75.2870, -7.1745, 22.9401

Details

The CIELCh color **80, 25.200, 97.831** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 26.073, 284.825**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 24.233, 108.340**, and **60, 24.931, 97.335** is the 20% darker color. If you saturate the color by 10%, you get **79, 34.313, 96.635**, and if you desaturate by 10%, it is **81, 16.049, 99.012**.

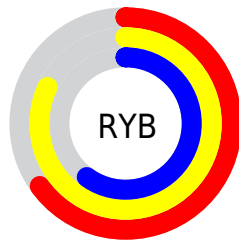
Distribution



Red (82%)

Green (78%)

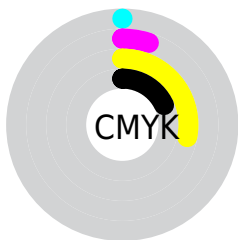
Blue (60%)



Red (65%)

Yellow (82%)

Blue (60%)

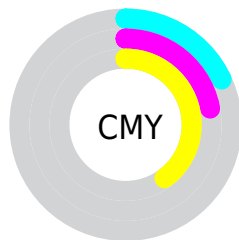


Cyan (0%)

Magenta (5%)

Yellow (28%)

Black (18%)



Cyan (18%)

Magenta (22%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 25.200, 97.831 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, 25.200, 97.831 by changing the saturation by 10% instead.

80, 25.200, 97.831

80, 25.200, 97.831

100, 25.200,
97.831

70, 25.200, 97.831

60, 25.200, 97.831

50, 25.200, 97.831

40, 25.200, 97.831

30, 25.200, 97.831

20, 25.200, 97.831

10, 25.200, 97.831

0, 25.200, 97.831

80, 25.200, 97.831

80, 25.200, 97.831

79, 34.313, 96.635

81, 16.049, 99.012

77, 43.266, 95.418

83, 6.923, 100.148

76, 51.858, 94.190

84, 2.142, 281.356

75, 59.751, 92.954

86, 11.125,
282.367

74, 66.427, 91.699

88, 19.148,
282.898

72, 71.217, 90.391

71, 73.634, 88.977

89, 17.291,
277.274

71, 74.055, 88.638

90, 15.637,
270.426

91, 14.252,
262.160

92, 13.216,
252.421

Harmonies

Complementary

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



80, 25.200, 97.831



68, 26.073, 284.825

Rectangle

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



80, 25.200, 97.831



80, 25.200, 147.831



80, 25.200, 277.831



80, 25.200, 327.831

Sweetspot

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



80, 25.201, 97.836



99, 8.494, 100.099



69, 23.549, 6.254



52, 6.041, 99.929



0, 0.000, 0.000



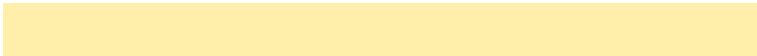
53, 0.007, 296.813

Same Dimension

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



80, 25.201, 97.836



94, 35.260, 97.150



82, 31.081, 120.199



43, 5.132, 99.952



58, 62.939, 88.887



13, 19.183, 92.479

Inverse Universe

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



68, 26.073, 284.825



77, 36.805, 285.838



66, 32.834, 303.652



41, 5.195, 282.155



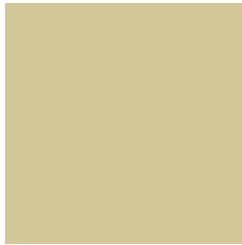
23, 86.189, 302.598



3, 22.232, 288.287

Previews

White Background



This preview shows how the CIELCh color 80, 25.200, 97.831 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 CIELCh color 80, 25.200, 97.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

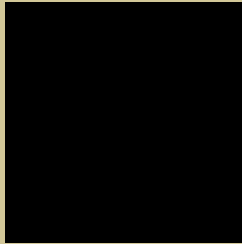
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

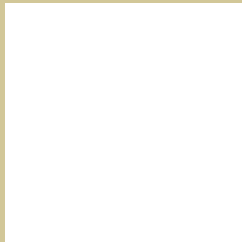
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 25.200, 97.831

Background



This preview shows how black text looks on a background with the CIELCh color 80, 25.200, 97.831.



This preview shows how white text looks on a background with the CIELCh color 80, 25.200, 97.831.

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, 25.200, 97.831

Protanopia

80, 25.471, 95.129

Deuteranopia

80, 26.156, 66.518



Tritanopia
80, 12.187, 339.483

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 25.200, 97.831 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(210, 199, 152)` looks like.

```
.text, #text, p{  
    color:rgb(210, 199, 152)  
}
```

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(210, 199, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 199, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 25.200, 97.831 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(210, 199, 152) }
```

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

```
.border{ border-color:rgb(210, 199, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 199, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 199, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 199, 152);  
box-shadow:4px 4px 4px 4px rgb(210, 199,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 25.200, 97.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 199, 152) }
```

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

```
.background{ background-color: rgb(210,  
199, 152) }
```

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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