

Converting Colors

CIELCh(80, 24.846, 95.853)

Have a look what the booklet for
CIELCh(80, 24.846, 95.853) contains.

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Color

CIELCh(80, 24.868, 95.838)

Conversions

Conversions Part 1

Format	Color
Hex	D3C698
RGB	211, 198, 152
RGB Percent	83%, 78%, 60%
CMY	0.1714, 0.2224, 0.4029
CMYK	0.00, 0.06, 0.28, 0.17
HSL	47°, 40%, 71%
HSV	47°, 28%, 83%
XYZ	52.8919, 56.6813, 37.9731
YIQ	196.6430, 22.5140, -11.5500

Conversions

Conversions Part 2

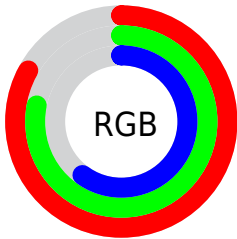
Format	Color
RYB	169, 211, 152
Decimal	13878936
CIELab	80.00, -2.53, 24.74
CIELCh	80, 24.868, 95.838
Yxy	56.6813, 0.3585, 0.3842
Android (android.graphics.Color)	4292069016 (0xFFD3C698)
YUV	196.6430, -22.0090, 12.5911
Hunter-Lab	75.2870, -6.3493, 22.7963

Details

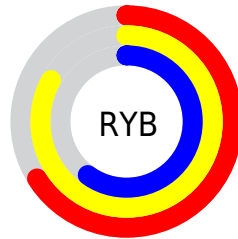
The CIELCh color **80, 24.868, 95.838** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 25.554, 283.097**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 24.233, 108.340**, and **60, 24.599, 95.172** is the 20% darker color. If you saturate the color by 10%, you get **78, 33.822, 94.601**, and if you desaturate by 10%, it is **82, 15.908, 97.055**.

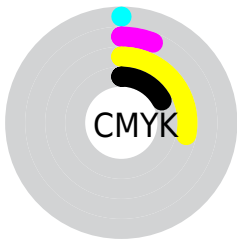
Distribution



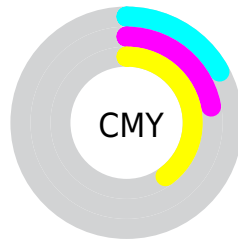
- Red (83%)
- Green (78%)
- Blue (60%)



- Red (66%)
- Yellow (83%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (28%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 24.868, 95.838 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, 24.868, 95.838 by changing the saturation by 10% instead.

80, 24.868, 95.838

80, 24.868, 95.838

100, 24.868,
95.838

70, 24.868, 95.838

60, 24.868, 95.838

50, 24.868, 95.838

40, 24.868, 95.838

30, 24.868, 95.838

20, 24.868, 95.838

10, 24.868, 95.838

0, 24.868, 95.838

80, 24.868, 95.838

80, 24.868, 95.838

78, 33.822, 94.601

82, 15.908, 97.055

77, 42.657, 93.335

83, 6.999, 98.223

75, 51.178, 92.047

85, 1.827, 279.485

74, 59.052, 90.732

87, 10.556,
280.503

73, 65.758, 89.367

89, 17.698,
280.494

71, 70.599, 87.901

90, 15.652,
272.906

70, 73.068, 86.260

70, 73.461, 85.914

91, 13.953,
263.336

92, 12.733,
251.621

93, 12.127,
238.192

Harmonies

Complementary

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



80, 24.868, 95.838



68, 25.554, 283.097

Rectangle

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



80, 24.868, 95.838



80, 24.868, 145.838



80, 24.868, 275.838



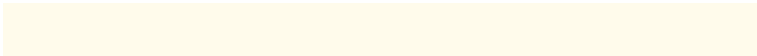
80, 24.868, 325.838

Sweetspot

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



80, 24.869, 95.843



98, 8.224, 98.205



69, 24.154, 3.810



52, 5.850, 98.032



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, 24.869, 95.843



93, 35.307, 95.047



82, 31.413, 118.834



43, 4.969, 98.055



57, 62.102, 86.223



13, 18.585, 89.863

Inverse Universe

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



68, 25.554, 283.097



77, 36.577, 284.271



66, 33.284, 302.543



41, 5.019, 280.317



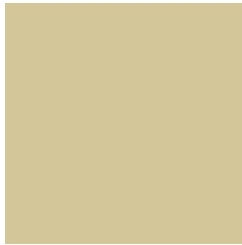
24, 83.275, 301.550



3, 21.711, 287.346

Previews

White Background



This preview shows how the CIELCh color 80, 24.868, 95.838 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, 24.868, 95.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

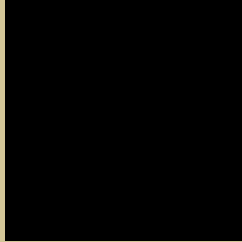
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 24.868, 95.838

Background



This preview shows how black text looks on a background with the CIELCh color 80, 24.868, 95.838.



This preview shows how white text looks on a background with the CIELCh color 80, 24.868, 95.838.

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, 24.868, 95.838

Protanopia

80, 24.960, 94.931

Deuteranopia

80, 25.870, 67.176



Tritanopia
80, 12.751, 341.737

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 24.868, 95.838 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(211, 198, 152)` looks like.

```
.text, #text, p{  
    color:rgb(211, 198, 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(211, 198, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 198, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 24.868, 95.838 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(211, 198, 152) }
```

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

```
.border{ border-color:rgb(211, 198, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 198, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 198, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 198, 152);  
box-shadow:4px 4px 4px 4px rgb(211, 198,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 24.868, 95.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 198, 152) }
```

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

```
.background{ background-color: rgb(211,  
198, 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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