

Converting Colors

CIELCh(79, 26.845, 92.913)

Have a look what the booklet for
CIELCh(79, 26.845, 92.913) contains.

CIELCh(79, 26.870, 92.896)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(79, 26.870, 92.896)

Conversions

Conversions Part 1

Format	Color
Hex	D4C392
RGB	212, 195, 146
RGB Percent	83%, 76%, 57%
CMY	0.1697, 0.2364, 0.4285
CMYK	0.00, 0.08, 0.31, 0.17
HSL	45°, 43%, 70%
HSV	45°, 31%, 83%
XYZ	51.6903, 54.9284, 34.9645
YIQ	194.4970, 25.8610, -11.6350

Conversions

Conversions Part 2

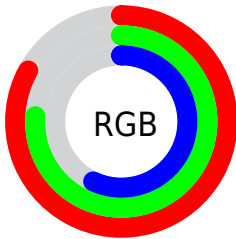
Format	Color
RYB	169, 212, 146
Decimal	13943698
CIELab	79.00, -1.36, 26.84
CIElCh	79, 26.870, 92.896
Yxy	54.9284, 0.3651, 0.3880
Android (android.graphics.Color)	4292133778 (0xFFD4C392)
YUV	194.4970, -23.9090, 15.3501
Hunter-Lab	74.1137, -5.2050, 23.9085

Details

The CIELCh color **79, 26.870, 92.896** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 27.415, 281.366**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 25.845, 104.843**, and **59, 26.744, 91.888** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.597, 91.604**, and if you desaturate by 10%, it is **81, 18.155, 94.165**.

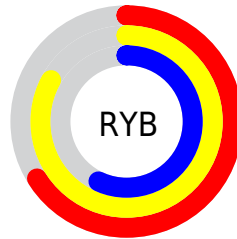
Distribution



Red (83%)

Green (76%)

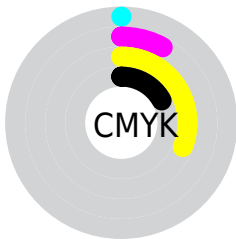
Blue (57%)



Red (66%)

Yellow (83%)

Blue (57%)

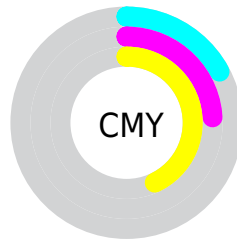


Cyan (0%)

Magenta (8%)

Yellow (31%)

Black (17%)



Cyan (17%)

Magenta (24%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 26.870, 92.896 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 79, 26.870, 92.896 by changing the saturation by 10% instead.

 79, 26.870, 92.896

 79, 26.870, 92.896

 100, 26.870,
92.896

 69, 26.870, 92.896

 99, 26.870, 92.896

 59, 26.870, 92.896

 49, 26.870, 92.896

 39, 26.870, 92.896

 29, 26.870, 92.896

 19, 26.870, 92.896

 9, 26.870, 92.896

 0, 26.870, 92.896

 79, 26.870, 92.896

 79, 26.870, 92.896

77, 35.597, 91.604

81, 18.155, 94.165

76, 44.215, 90.274

83, 9.514, 95.385

74, 52.505, 88.908

85, 0.976, 96.390

72, 60.096, 87.485

87, 7.444, 277.764

71, 66.401, 85.960

89, 15.745,
278.844

69, 70.669, 84.241

90, 15.122,
271.102

68, 72.645, 82.520

91, 13.286,
259.032

93, 12.188,
244.107

94, 12.016,
227.670

Harmonies

Complementary

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



79, 26.870, 92.896



67, 27.415, 281.366

Rectangle

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



79, 26.870, 92.896



79, 26.870, 142.896



79, 26.870, 272.896



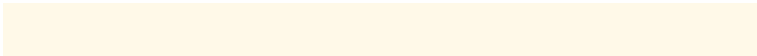
79, 26.870, 322.896

Sweetspot

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



79, 26.871, 92.901



98, 8.906, 95.629



67, 27.415, 1.830



52, 6.195, 95.456



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 26.871, 92.901



92, 37.182, 92.096



82, 34.862, 117.258



44, 4.876, 95.590



56, 61.987, 82.869



13, 19.313, 86.238

Inverse Universe

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



67, 27.415, 281.366



76, 38.161, 282.591



64, 37.313, 301.712



42, 4.911, 277.928



26, 80.464, 300.118



4, 22.744, 287.265

Previews

White Background



This preview shows how the CIELCh color 79, 26.870, 92.896 looks on a white background.

Color Contrast Check

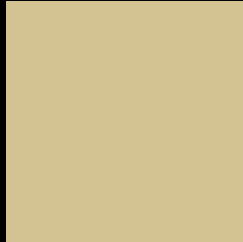
Large Text (above 18pt) WCAG AA × Fail

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 79, 26.870, 92.896 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 79, 26.870, 92.896

Background



This preview shows how black text looks on a background with the CIELCh color 79, 26.870, 92.896.

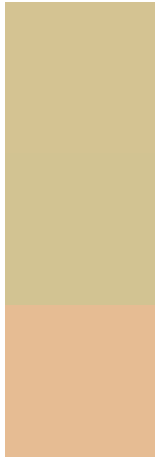


This preview shows how white text looks on a background with the CIELCh color 79, 26.870, 92.896.

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

79, 26.870, 92.896

Protanopia

79, 26.663, 94.591

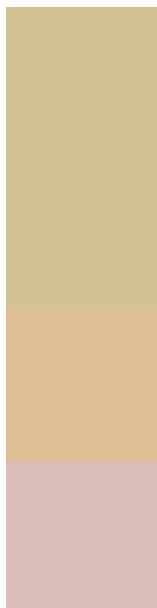
Deuteranopia

79, 28.072, 70.281



Tritanopia
79, 13.985, 345.736

Trichromacy



Original Color
79, 26.870, 92.896

Protanomaly
79, 26.763, 93.740

Deuteranomaly
79, 26.711, 77.719

Tritanomaly
79, 10.854, 43.072

Monochromacy



Original Color
79, 26.870, 92.896

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.845, 95.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 26.870, 92.896 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(212, 195, 146)` looks like.

```
.text, #text, p{  
    color:rgb(212, 195, 146)  
}
```

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(212, 195, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 195, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 26.870, 92.896 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(212, 195, 146) }
```

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

```
.border{ border-color:rgb(212, 195, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 195, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 195, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 195, 146);  
box-shadow:4px 4px 4px 4px rgb(212, 195,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 26.870, 92.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 195, 146) }
```

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

```
.background{ background-color: rgb(212,  
195, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor