

Converting Colors

CIELCh(79, 26.193, 92.271)

Have a look what the booklet for
CIELCh(79, 26.193, 92.271) contains.

CIELCh(79, 26.362, 92.674)	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, 26.362, 92.674)

Conversions

Conversions Part 1

Format	Color
Hex	D4C393
RGB	212, 195, 147
RGB Percent	83%, 76%, 58%
CMY	0.1699, 0.2365, 0.4247
CMYK	0.00, 0.08, 0.31, 0.17
HSL	44°, 43%, 70%
HSV	44°, 31%, 83%
XYZ	51.7388, 54.9284, 35.3506
YIQ	194.6110, 25.5400, -11.3240

Conversions

Conversions Part 2

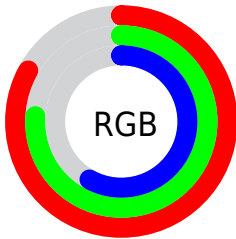
Format	Color
R_{YB}	170, 212, 147
Decimal	13943699
CIE _{Lab}	79.00, -1.23, 26.33
CIE _{LCh}	79, 26.362, 92.674
Yxy	54.9284, 0.3643, 0.3868
Android (android.graphics.Color)	4292133779 (0xFFD4C393)
YUV	194.6110, -23.4722, 15.2502
Hunter-Lab	74.1137, -5.0881, 23.5995

Details

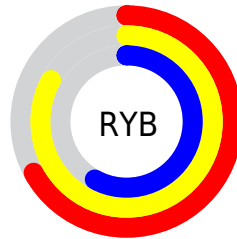
The CIELCh color **79, 26.362, 92.674** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 26.853, 281.021**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 25.344, 104.820**, and **59, 26.212, 91.664** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.067, 91.379**, and if you desaturate by 10%, it is **81, 17.679, 93.945**.

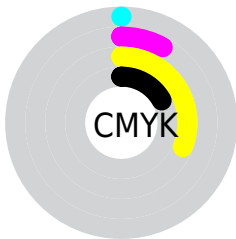
Distribution



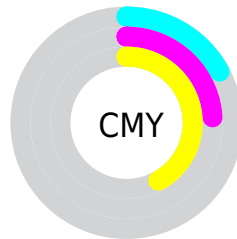
- Red (83%)
- Green (76%)
- Blue (58%)



- Red (67%)
- Yellow (83%)
- Blue (58%)



- Cyan (0%)
- Magenta (8%)
- Yellow (31%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 26.362, 92.674 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, 26.362, 92.674 by changing the saturation by 10% instead.

■ 79, 26.362, 92.674

■ 79, 26.362, 92.674

■ 100, 26.362,
92.674

■ 69, 26.362, 92.674

■ 99, 26.362, 92.674

■ 59, 26.362, 92.674

■ 49, 26.362, 92.674

■ 39, 26.362, 92.674

■ 29, 26.362, 92.674

■ 19, 26.362, 92.674

■ 9, 26.362, 92.674

■ 0, 26.362, 92.674

■ 79, 26.362, 92.674

■ 79, 26.362, 92.674

77, 35.067, 91.379

81, 17.679, 93.945

75, 43.676, 90.045

83, 9.074, 95.166

74, 51.980, 88.674

85, 0.578, 96.029

72, 59.616, 87.246

87, 7.798, 277.548

71, 66.009, 85.714

89, 16.052,
278.629

69, 70.409, 83.987

90, 14.956,
270.170

68, 72.551, 82.153

92, 13.152,
257.643

93, 12.132,
242.251

94, 12.078,
225.561

Harmonies

Complementary

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



79, 26.362, 92.674



68, 26.853, 281.021

Rectangle

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



79, 26.362, 92.674



79, 26.362, 142.674



79, 26.362, 272.674



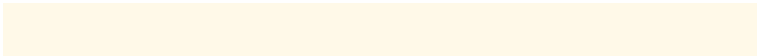
79, 26.362, 322.674

Sweetspot

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



79, 26.363, 92.679



98, 8.869, 95.356



68, 26.981, 1.763



52, 6.170, 95.182



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, 26.363, 92.679



92, 37.054, 91.812



82, 34.345, 117.288



44, 4.856, 95.316



56, 61.916, 82.508



13, 19.244, 85.867

Inverse Universe

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



68, 26.853, 281.021



76, 37.971, 282.337



64, 36.716, 301.668



42, 4.889, 277.661



26, 80.041, 299.949



4, 22.668, 287.130

Previews

White Background



This preview shows how the CIELCh color 79, 26.362, 92.674 looks on a white background.

Color Contrast Check

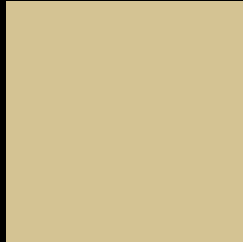
Large Text (above 18pt) WCAG AA × Fail

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, 26.362, 92.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

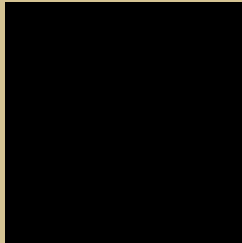
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 26.362, 92.674

Background



This preview shows how black text looks on a background with the CIELCh color 79, 26.362, 92.674.



This preview shows how white text looks on a background with the CIELCh color 79, 26.362, 92.674.

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, 26.362, 92.674

Protanopia

79, 26.151, 94.398

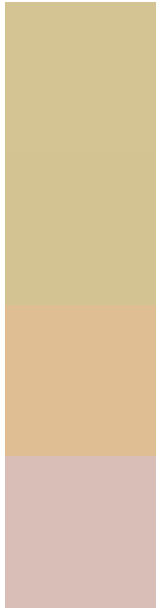
Deuteranopia

79, 27.638, 69.696



Tritanopia
79, 13.985, 345.736

Trichromacy



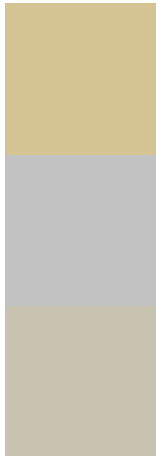
Original Color
79, 26.362, 92.674

Protanomaly
79, 26.253, 93.533

Deuteranomaly
79, 26.245, 77.223

Tritanomaly
79, 10.854, 43.072

Monochromacy



Original Color
79, 26.362, 92.674

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.327, 95.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 26.362, 92.674 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(212, 195, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 195, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 26.362, 92.674 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, 147) }
```

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

```
.border{ border-color:rgb(212, 195, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 195, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 195, 147); box-shadow:4px 4px 4px 4px rgb(212, 195, 147) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 26.362, 92.674 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, 147) }
```

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

```
.background{ background-color: rgb(212,  
195, 147) }
```

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