

Converting Colors

CIELCh(79, 13.637, 92.177)

Have a look what the booklet for
CIELCh(79, 13.637, 92.177) contains.

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Color

CIELCh(79, 13.839, 92.649)

Conversions

Conversions Part 1

Format	Color
Hex	CDC3AA
RGB	205, 195, 170
RGB Percent	80%, 76%, 67%
CMY	0.1960, 0.2352, 0.3332
CMYK	0.00, 0.05, 0.17, 0.20
HSL	43°, 26%, 74%
HSV	43°, 17%, 80%
XYZ	51.9635, 54.9284, 45.9064
YIQ	195.1400, 13.9850, -5.6550

Conversions

Conversions Part 2

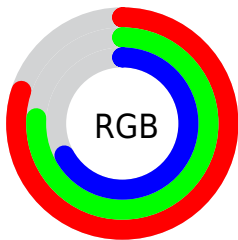
Format	Color
RYB	184, 205, 170
Decimal	13484970
CIELab	79.00, -0.64, 13.82
CIELCh	79, 13.839, 92.649
Yxy	54.9284, 0.3401, 0.3595
Android (android.graphics.Color)	4291675050 (0xFFCDC3AA)
YUV	195.1400, -12.3940, 8.6472
Hunter-Lab	74.1137, -4.5468, 15.1550

Details

The CIELCh color **79, 13.839, 92.649** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 13.918, 277.067**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.727, 104.556**, and **59, 13.628, 90.804** is the 20% darker color. If you saturate the color by 10%, you get **77, 22.111, 91.387**, and if you desaturate by 10%, it is **81, 5.682, 93.871**.

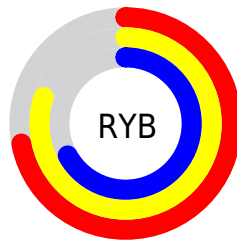
Distribution



Red (80%)

Green (76%)

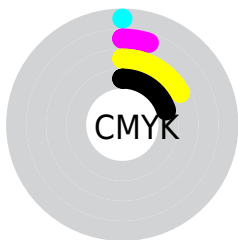
Blue (67%)



Red (72%)

Yellow (80%)

Blue (67%)

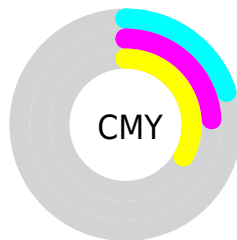


Cyan (0%)

Magenta (5%)

Yellow (17%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 13.839, 92.649 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, 13.839, 92.649 by changing the saturation by 10% instead.

■ 79, 13.839, 92.649

■ 79, 13.839, 92.649

■ 100, 13.839,
92.649

■ 69, 13.839, 92.649

■ 99, 13.839, 92.649

■ 59, 13.839, 92.649

■ 49, 13.839, 92.649

■ 39, 13.839, 92.649

■ 29, 13.839, 92.649

■ 19, 13.839, 92.649

■ 9, 13.839, 92.649

■ 0, 13.839, 92.649

■ 79, 13.839, 92.649

■ 79, 13.839, 92.649

77, 22.111, 91.387

81, 5.682, 93.871

75, 30.454, 90.077

83, 2.347, 275.190

73, 38.791, 88.729

85, 10.245,
276.263

72, 46.967, 87.341

87, 18.015,
277.345

70, 54.706, 85.896

68, 61.539, 84.349

89, 17.043,
269.580

67, 66.777, 82.614

90, 15.126,
257.934

65, 69.757, 80.563

65, 70.439, 79.942

92, 13.975,
243.800

93, 13.764,
228.346

95, 14.516,
213.574

Harmonies

Complementary

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



79, 13.839, 92.649



73, 13.918, 277.067

Rectangle

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



79, 13.839, 92.649



79, 13.839, 142.649



79, 13.839, 272.649



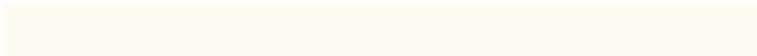
79, 13.839, 322.649

Sweetspot

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



79, 13.840, 92.658



99, 4.785, 94.099



73, 14.463, 357.635



53, 3.267, 94.020



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, 13.840, 92.658



95, 19.403, 92.258



81, 18.651, 116.834



42, 4.550, 93.598



53, 60.193, 80.343



11, 16.048, 83.863

Inverse Universe

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



73, 13.918, 277.067



87, 19.528, 277.563



71, 19.339, 299.278



40, 4.571, 275.972



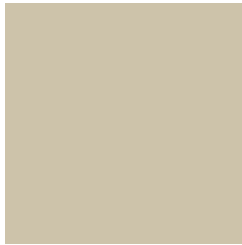
26, 75.512, 298.776



3, 18.979, 284.029

Previews

White Background



This preview shows how the CIELCh color 79, 13.839, 92.649 looks on a white background.

Color Contrast Check

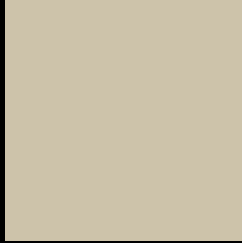
Large Text (above 18pt) WCAG AA × Fail

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, 13.839, 92.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

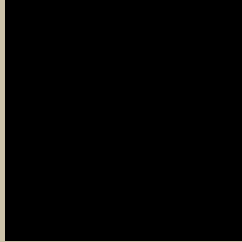
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

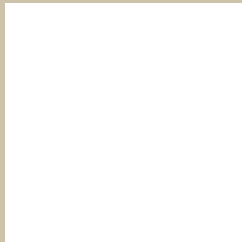
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 13.839, 92.649

Background



This preview shows how black text looks on a background with the CIELCh color 79, 13.839, 92.649.



This preview shows how white text looks on a background with the CIELCh color 79, 13.839, 92.649.

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, 13.839, 92.649

Protanopia

79, 13.839, 92.649

Deuteranopia

79, 16.559, 53.160



Tritanopia
79, 10.885, 332.927

Trichromacy



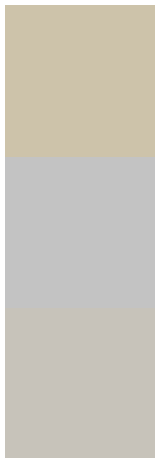
Original Color
79, 13.839, 92.649

Protanomaly
79, 13.839, 92.649

Deuteranomaly
79, 14.505, 66.789

Tritanomaly
79, 5.980, 19.790

Monochromacy



Original Color
79, 13.839, 92.649

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 5.005, 92.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 13.839, 92.649 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(205, 195, 170)` looks like.

```
.text, #text, p{  
    color:rgb(205, 195, 170)  
}
```

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(205, 195, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 195, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 13.839, 92.649 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(205, 195, 170) }
```

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

```
.border{ border-color:rgb(205, 195, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 195, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 195, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 195, 170);  
box-shadow:4px 4px 4px 4px rgb(205, 195,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 13.839, 92.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 195, 170) }
```

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

```
.background{ background-color: rgb(205,  
195, 170) }
```

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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