

Converting Colors

CIELCh(79, 33.311, 101.455)

Have a look what the booklet for
CIELCh(79, 33.311, 101.455)
contains.

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Color

CIELCh(79, 33.311, 101.455)

Conversions

Conversions Part 1

Format	Color
Hex	CDC586
RGB	205, 197, 134
RGB Percent	80%, 77%, 53%
CMY	0.1942, 0.2256, 0.4728
CMYK	0.00, 0.04, 0.35, 0.19
HSL	53°, 42%, 67%
HSV	53°, 35%, 81%
XYZ	49.7181, 54.9284, 30.6995
YIQ	192.2100, 24.9910, -17.8970

Conversions

Conversions Part 2

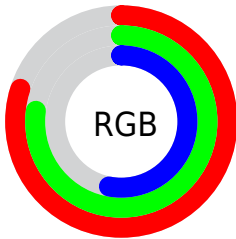
Format	Color
RYB	143, 205, 134
Decimal	13485446
CIELab	79.00, -6.62, 32.65
CIElCh	79, 33.311, 101.455
Yxy	54.9284, 0.3673, 0.4058
Android (android.graphics.Color)	4291675526 (0xFFCDC586)
YUV	192.2100, -28.6975, 11.2168
Hunter-Lab	74.1137, -9.9549, 27.3204

Details

The CIELCh color **79, 33.311, 101.455** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 35.532, 289.939**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 33.228, 106.980**, and **59, 33.361, 100.917** is the 20% darker color. If you saturate the color by 10%, you get **78, 42.669, 100.366**, and if you desaturate by 10%, it is **80, 23.745, 102.553**.

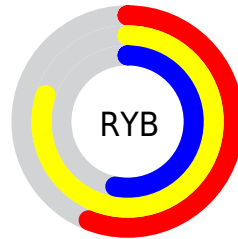
Distribution



Red (80%)

Green (77%)

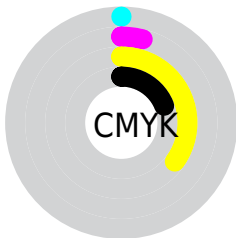
Blue (53%)



Red (56%)

Yellow (80%)

Blue (53%)

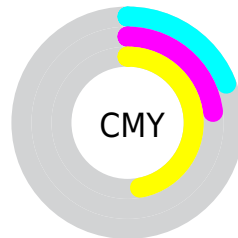


Cyan (0%)

Magenta (4%)

Yellow (35%)

Black (19%)



Cyan (19%)


Magenta (23%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 33.311, 101.455 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, 33.311, 101.455 by changing the saturation by 10% instead.


 79, 33.311,
101.455


 79, 33.311,
101.455


 100, 33.311,
101.455


 69, 33.311,
101.455


 99, 33.311,
101.455

 59, 33.311,
101.455

 49, 33.311,
101.455

 39, 33.311,
101.455

 29, 33.311,
101.455

 19, 33.311,
101.455

 9, 33.311, 101.455

■ 0, 33.311, 101.455

■ 79, 33.311,
101.455

■ 79, 33.311,
101.455

■ 78, 42.669,
100.366

■ 80, 23.745,
102.553

■ 77, 51.620, 99.291

■ 81, 14.087,
103.634

■ 76, 59.854, 98.249

■ 82, 4.408, 104.678

■ 76, 66.910, 97.256

■ 83, 5.249, 285.759

■ 75, 72.197, 96.321

■ 84, 14.858,
286.741

■ 74, 75.189, 95.436

■ 74, 76.101, 94.966

■ 86, 22.975,
287.267

■ 86, 21.786,

284.872

■ 87, 20.639,
282.217

■ 87, 19.541,
279.268

Harmonies

Complementary

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



79, 33.311, 101.455



61, 35.532, 289.939

Rectangle

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



79, 33.311, 101.455



79, 33.311, 151.455



79, 33.311, 281.455



79, 33.311, 331.455

Sweetspot

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



79, 33.312, 101.459



99, 11.514, 104.105



64, 29.145, 13.625



52, 7.857, 103.955



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, 33.312, 101.459



95, 46.884, 100.699



79, 38.694, 123.110



43, 5.448, 104.183



61, 64.935, 95.098



13, 19.320, 98.688

Inverse Universe

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



61, 35.532, 289.939



69, 50.885, 291.245



61, 41.178, 306.949



40, 5.540, 286.238



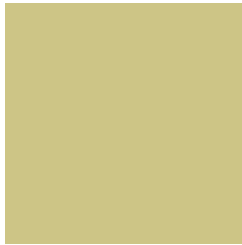
21, 91.159, 304.572



2, 21.688, 289.553

Previews

White Background



This preview shows how the CIELCh color 79, 33.311, 101.455 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 CIE LCh color 79, 33.311, 101.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

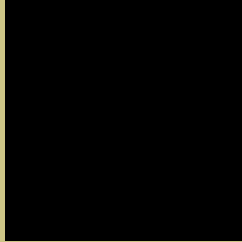
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 33.311, 101.455

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.311, 101.455.

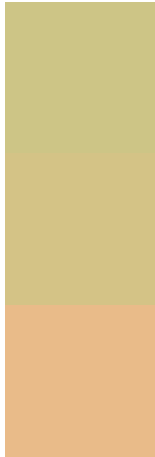


This preview shows how white text looks on a background with the CIELCh color 79, 33.311, 101.455.

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, 33.311, 101.455

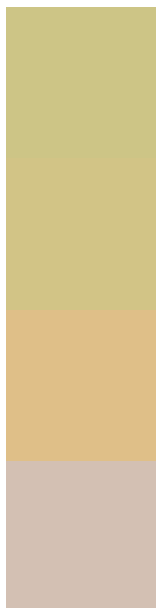
Protanopia
79, 32.966, 94.900

Deuteranopia
79, 33.139, 72.344



Tritanopia
79, 12.210, 339.491

Trichromacy



Original Color
79, 33.311, 101.455

Protanomaly
79, 33.188, 97.143

Deuteranomaly
79, 32.203, 83.102

Tritanomaly
79, 10.064, 63.042

Monochromacy



Original Color
79, 33.311, 101.455

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 12.284, 103.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.311, 101.455 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, 197, 134)` looks like.

```
.text, #text, p{  
    color:rgb(205, 197, 134)  
}
```

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, 197, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 197, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.311, 101.455 is called "border". The border property can be set on classes, ids or directly on the HTML element.

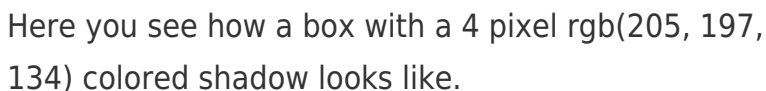
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 197, 134) }
```

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

```
.border{ border-color:rgb(205, 197, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 197, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 197, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 197, 134);  
box-shadow:4px 4px 4px 4px rgb(205, 197,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.311, 101.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 197, 134) }
```

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

```
.background{ background-color: rgb(205,  
197, 134) }
```

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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