

Converting Colors

CIELCh(81, 14.856, 102.914)

Have a look what the booklet for
CIELCh(81, 14.856, 102.914)
contains.

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Color

CIELCh(81, 14.864, 102.893)

Conversions

Conversions Part 1

Format	Color
Hex	CECAAEE
RGB	206, 202, 174
RGB Percent	81%, 79%, 68%
CMY	0.1918, 0.2075, 0.3173
CMYK	0.00, 0.02, 0.16, 0.19
HSL	53°, 25%, 75%
HSV	53°, 16%, 81%
XYZ	54.2629, 58.4711, 48.5101
YIQ	200.0040, 11.3720, -7.8600

Conversions

Conversions Part 2

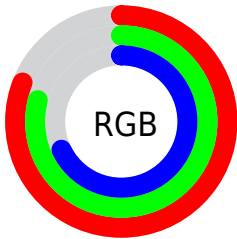
Format	Color
RYB	179, 206, 174
Decimal	13552302
CIELab	81.00, -3.32, 14.49
CIELCh	81, 14.864, 102.893
Yxy	58.4711, 0.3365, 0.3626
Android (android.graphics.Color)	4291742382 (0xFFCECAAE)
YUV	200.0040, -12.8200, 5.2585
Hunter-Lab	76.4664, -7.1470, 15.9131

Details

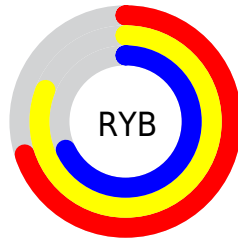
The CIELCh color **81, 14.864, 102.893** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 15.246, 286.411**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.652, 109.221**, and **61, 14.622, 102.037** is the 20% darker color. If you saturate the color by 10%, you get **80, 24.434, 101.804**, and if you desaturate by 10%, it is **82, 5.281, 103.962**.

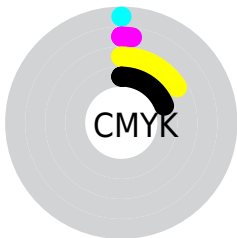
Distribution



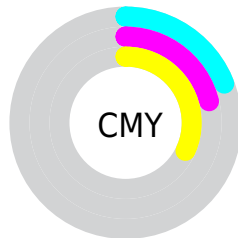
- Red (81%)
- Green (79%)
- Blue (68%)



- Red (70%)
- Yellow (81%)
- Blue (68%)



- Cyan (0%)
- Magenta (2%)
- Yellow (16%)
- Black (19%)





- Cyan (19%)
- Magenta (21%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 14.864, 102.893 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 81, 14.864, 102.893 by changing the saturation by 10% instead.


 81, 14.864,
102.893

 81, 14.864,
102.893


 100, 14.864,
102.893


 71, 14.864,
102.893


 61, 14.864,
102.893

 51, 14.864,
102.893

 41, 14.864,
102.893

 31, 14.864,
102.893

 21, 14.864,
102.893

 11, 14.864,

102.893

■ 1, 14.864, 102.893

■ 0, 14.864, 102.893

■ 81, 14.864,
102.893

■ 81, 14.864,
102.893

■ 80, 24.434,
101.804

■ 82, 5.281, 103.962

■ 79, 33.915,
100.693

■ 83, 4.278, 285.060

■ 78, 43.185, 99.582

■ 85, 13.786,
286.049

■ 77, 52.043, 98.485

■ 86, 22.440,
286.753

■ 76, 60.168, 97.415

■ 86, 21.133,
283.982

75, 67.083, 96.386

87, 19.880,
280.869

75, 72.182, 95.400

88, 18.694,
277.365

74, 74.945, 94.441

73, 75.695, 94.016

88, 17.586,
273.420

89, 16.571,
268.987

Harmonies

Complementary

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



81, 14.864, 102.893



73, 15.246, 286.411

Rectangle

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



81, 14.864, 102.893



81, 14.864, 152.893



81, 14.864, 282.893



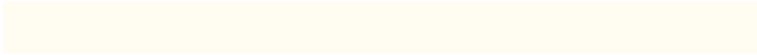
81, 14.864, 332.893

Sweetspot

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



81, 14.866, 102.900



99, 5.675, 104.010



74, 12.456, 9.860



53, 3.873, 103.937



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 14.866, 102.900



97, 21.624, 102.496



81, 17.482, 123.481



43, 5.380, 103.559



60, 64.454, 94.166



13, 19.057, 97.842

Inverse Universe

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



73, 15.246, 286.411



86, 22.315, 286.918



73, 17.963, 305.133



40, 5.467, 285.636



21, 90.336, 304.312



2, 21.492, 289.212

Previews

White Background



This preview shows how the CIELCh color 81, 14.864, 102.893 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 81, 14.864, 102.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

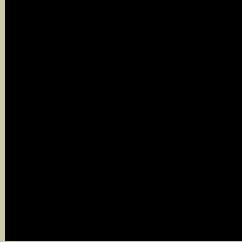
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 14.864, 102.893

Background



This preview shows how black text looks on a background with the CIELCh color 81, 14.864, 102.893.



This preview shows how white text looks on a background with the CIELCh color 81, 14.864, 102.893.

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


81, 14.864, 102.893

Protanopia

81, 15.291, 94.155

Deuteranopia

81, 17.097, 53.879



Tritanopia
81, 9.489, 322.972

Trichromacy



Original Color
81, 14.864, 102.893

Protanomaly
81, 15.112, 97.017

Deuteranomaly
81, 14.978, 70.504

Tritanomaly
81, 3.731, 27.690

Monochromacy



Original Color
81, 14.864, 102.893

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 5.302, 105.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 14.864, 102.893 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(206, 202, 174)` looks like.

```
.text, #text, p{  
    color:rgb(206, 202, 174)  
}
```

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(206, 202, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 202, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 14.864, 102.893 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(206, 202, 174) }
```

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

```
.border{ border-color:rgb(206, 202, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 202, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 202, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 202, 174);  
box-shadow:4px 4px 4px 4px rgb(206, 202,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 14.864, 102.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 202, 174) }
```

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

```
.background{ background-color: rgb(206,  
202, 174) }
```

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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