

Converting Colors

CIELCh(81, 19.633, 117.671)

Have a look what the booklet for
CIELCh(81, 19.633, 117.671)
contains.

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Color

CIELCh(81, 19.749, 117.425)

Conversions

Conversions Part 1

Format	Color
Hex	C5CDA8
RGB	197, 205, 168
RGB Percent	77%, 80%, 66%
CMY	0.2268, 0.1954, 0.3405
CMYK	0.04, 0.00, 0.18, 0.20
HSL	73°, 27%, 73%
HSV	73°, 18%, 80%
XYZ	52.0261, 58.4711, 45.6708
YIQ	198.3900, 7.1090, -13.2030

Conversions

Conversions Part 2

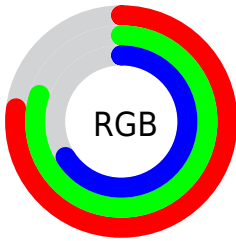
Format	Color
RYB	168, 205, 176
Decimal	12963240
CIELab	81.00, -9.10, 17.53
CIELCh	81, 19.749, 117.425
Yxy	58.4711, 0.3331, 0.3744
Android (android.graphics.Color)	4291153320 (0xFFC5CDA8)
YUV	198.3900, -14.9823, -1.2190
Hunter-Lab	76.4664, -12.3685, 18.1145

Details

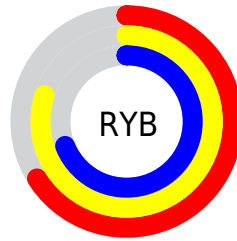
The CIELCh color **81, 19.749, 117.425** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 20.513, 299.945**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.195, 110.248**, and **61, 19.769, 117.620** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.567, 116.757**, and if you desaturate by 10%, it is **82, 8.815, 118.098**.

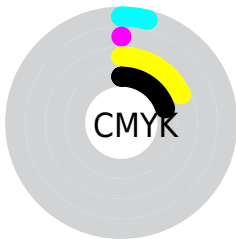
Distribution



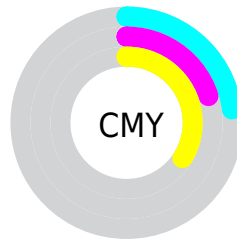
- Red (77%)
- Green (80%)
- Blue (66%)



- Red (66%)
- Yellow (80%)
- Blue (69%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (20%)





- Cyan (23%)
- Magenta (20%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 19.749, 117.425 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, 19.749, 117.425 by changing the saturation by 10% instead.


 81, 19.749,
117.425


 81, 19.749,
117.425


 100, 19.749,
117.425


 71, 19.749,
117.425


 61, 19.749,
117.425

 51, 19.749,
117.425

 41, 19.749,
117.425

 31, 19.749,
117.425

 21, 19.749,
117.425

 11, 19.749,

117.425

■ 1, 19.749, 117.425

■ 0, 19.749, 117.425

■ 81, 19.749,
117.425

■ 81, 19.749,
117.425

■ 80, 30.567,
116.757

■ 82, 8.815, 118.098

■ 80, 41.150,
116.105

■ 83, 2.166, 298.738

■ 79, 51.333,
115.504

■ 84, 13.139,
299.368

■ 78, 60.861,
115.002

■ 85, 24.068,
299.960

■ 78, 69.371,

■ 85, 26.776,
302.517

114.667

85, 27.080,
305.645

78, 76.387,
114.589

86, 27.460,
308.723

77, 81.423,
114.861

86, 27.915,
311.736

77, 84.323,
115.528

86, 28.442,
314.671

77, 84.791,
115.674

Harmonies

Complementary

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



81, 19.749, 117.425



71, 20.513, 299.945

Rectangle

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



81, 19.749, 117.425



81, 19.749, 167.425



81, 19.749, 297.425



81, 19.749, 347.425

Sweetspot

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



81, 19.751, 117.429



99, 6.539, 118.295



74, 12.260, 39.168



53, 4.462, 118.248



0, 0.000, 0.000



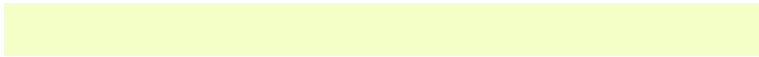
53, 0.007, 296.813

Same Dimension

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



81, 19.751, 117.429



98, 28.695, 117.143



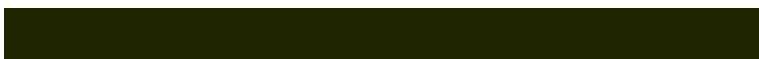
80, 21.974, 134.930



43, 6.192, 118.008



63, 72.295, 115.498



14, 22.481, 117.643

Inverse Universe

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



71, 20.513, 299.945



83, 30.086, 300.309



72, 22.276, 316.489



40, 6.319, 299.266



21, 95.191, 307.460



2, 23.745, 298.005

Previews

White Background



This preview shows how the CIELCh color 81, 19.749, 117.425 looks on a white background.

Color Contrast Check

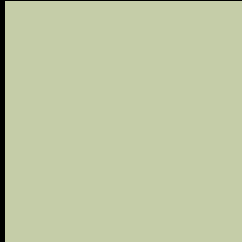
Large Text (above 18pt) WCAG AA × Fail

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 81, 19.749, 117.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

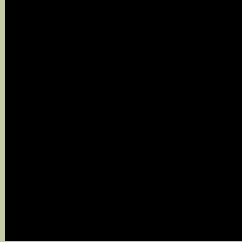
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

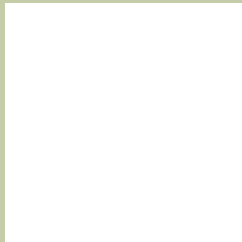
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 19.749, 117.425

Background



This preview shows how black text looks on a background with the CIELCh color 81, 19.749, 117.425.



This preview shows how white text looks on a background with the CIELCh color 81, 19.749, 117.425.

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, 19.749, 117.425

Protanopia

81, 18.977, 95.357

Deuteranopia

81, 19.128, 57.484



Tritanopia
81, 8.204, 303.428

Trichromacy



Original Color
81, 19.749, 117.425

Protanomaly
81, 19.037, 103.770

Deuteranomaly
81, 16.744, 77.849

Tritanomaly
81, 2.140, 100.054

Monochromacy



Original Color
81, 19.749, 117.425

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 6.987, 118.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 19.749, 117.425 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(197, 205, 168)` looks like.

```
.text, #text, p{  
    color:rgb(197, 205, 168)  
}
```

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(197, 205, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 205, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 19.749, 117.425 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(197, 205, 168) }
```

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

```
.border{ border-color:rgb(197, 205, 168) }
```

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

Here you see how a box with a 4 pixel rgb(197, 205, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 205, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 205, 168);  
box-shadow:4px 4px 4px 4px rgb(197, 205,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 19.749, 117.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 205, 168) }
```

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

```
.background{ background-color: rgb(197,  
205, 168) }
```

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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