

Converting Colors

CIELCh(81, 19.537, 73.906)

Have a look what the booklet for
CIELCh(81, 19.537, 73.906) contains.

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Color

CIELCh(81, 19.892, 74.776)

Conversions

Conversions Part 1

Format	Color
Hex	E1C5A6
RGB	225, 197, 166
RGB Percent	88%, 77%, 65%
CMY	0.1190, 0.2288, 0.3503
CMYK	0.00, 0.12, 0.26, 0.12
HSL	32°, 49%, 77%
HSV	32°, 26%, 88%
XYZ	57.6841, 58.4711, 44.1645
YIQ	201.8380, 26.6390, -3.7050

Conversions

Conversions Part 2

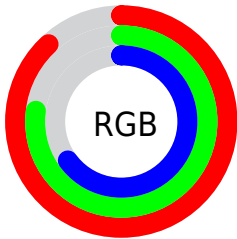
Format	Color
R _Y B	219, 225, 166
Decimal	14796198
CIE Lab	81.00, 5.22, 19.19
CIE LCh	81, 19.892, 74.776
Yxy	58.4711, 0.3598, 0.3647
Android (android.graphics.Color)	4292986278 (0xFFE1C5A6)
YUV	201.8380, -17.6681, 20.3131
Hunter-Lab	76.4664, 0.8392, 19.2825

Details

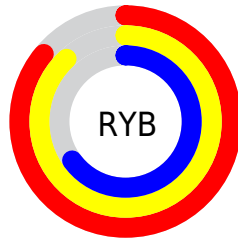
The CIELCh color **81, 19.892, 74.776** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **77, 18.728, 262.185**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.704, 107.652**, and **61, 19.823, 74.221** is the 20% darker color. If you saturate the color by 10%, you get **78, 28.067, 73.478**, and if you desaturate by 10%, it is **84, 12.052, 76.063**.

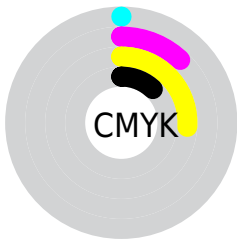
Distribution



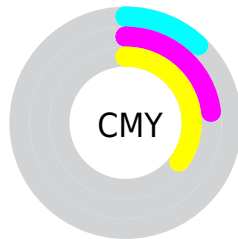
- Red (88%)
- Green (77%)
- Blue (65%)



- Red (86%)
- Yellow (88%)
- Blue (65%)



- Cyan (0%)
- Magenta (12%)
- Yellow (26%)
- Black (12%)



- Cyan (12%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 19.892, 74.776 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, 19.892, 74.776 by changing the saturation by 10% instead.

81, 19.892, 74.776

81, 19.892, 74.776

100, 19.892,
74.776

71, 19.892, 74.776

61, 19.892, 74.776

51, 19.892, 74.776

41, 19.892, 74.776

31, 19.892, 74.776

21, 19.892, 74.776

11, 19.892, 74.776

1, 19.892, 74.776

0, 19.892, 74.776

81, 19.892, 74.776

81, 19.892, 74.776

78, 28.067, 73.478

84, 12.052, 76.063

75, 36.557, 72.150

87, 4.536, 77.276

72, 45.287, 70.790

91, 2.678, 258.735

69, 54.075, 69.363

94, 9.388, 258.921

66, 62.531, 67.780

97, 8.899, 215.854

64, 69.928, 65.852

98, 10.287,
198.820

62, 75.225, 63.264

61, 76.871, 62.223

Harmonies

Complementary

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



81, 19.892, 74.776



77, 18.728, 262.185

Rectangle

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



81, 19.892, 74.776



81, 19.892, 124.776



81, 19.892, 254.776



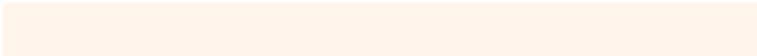
81, 19.892, 304.776

Sweetspot

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



81, 19.892, 74.784



97, 6.459, 77.069



74, 26.736, 346.996



51, 4.605, 76.889



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, 19.892, 74.784



89, 27.221, 74.007



88, 30.391, 108.357



45, 4.145, 76.904



48, 63.867, 62.880



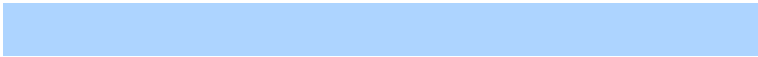
12, 19.680, 63.122

Inverse Universe

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



77, 18.728, 262.185



84, 25.235, 263.377



70, 32.358, 293.880



45, 4.070, 259.440



37, 57.307, 286.309



7, 19.793, 277.206

Previews

White Background



This preview shows how the CIELCh color 81, 19.892, 74.776 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, 19.892, 74.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

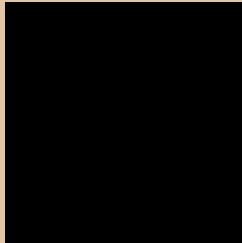
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 19.892, 74.776

Background



This preview shows how black text looks on a background with the CIELCh color 81, 19.892, 74.776.



This preview shows how white text looks on a background with the CIELCh color 81, 19.892, 74.776.

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, 19.892, 74.776

Protanopia

81, 17.951, 94.732

Deuteranopia

81, 21.590, 61.313



Tritanopia
81, 16.138, 351.297

Trichromacy



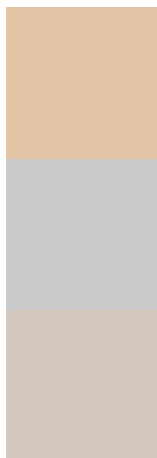
Original Color
81, 19.892, 74.776

Protanomaly
81, 18.369, 85.960

Deuteranomaly
81, 20.763, 65.234

Tritanomaly
81, 12.965, 25.033

Monochromacy



Original Color
81, 19.892, 74.776

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 6.917, 76.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 19.892, 74.776 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(225, 197, 166)` looks like.

```
.text, #text, p{  
    color:rgb(225, 197, 166)  
}
```

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(225, 197, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 197, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 19.892, 74.776 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(225, 197, 166) }
```

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

```
.border{ border-color:rgb(225, 197, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 197, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 197, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 197, 166);  
box-shadow:4px 4px 4px 4px rgb(225, 197,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 19.892, 74.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 197, 166) }
```

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

```
.background{ background-color: rgb(225,  
197, 166) }
```

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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