

Converting Colors

CIELCh(81, 17.735, 95.889)

Have a look what the booklet for
CIELCh(81, 17.735, 95.889) contains.

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Color

CIELCh(81, 17.860, 95.958)

Conversions

Conversions Part 1

Format	Color
Hex	D3C9A8
RGB	211, 201, 168
RGB Percent	83%, 79%, 66%
CMY	0.1724, 0.2116, 0.3410
CMYK	0.00, 0.05, 0.20, 0.17
HSL	46°, 33%, 74%
HSV	46°, 20%, 83%
XYZ	54.8390, 58.4711, 45.4570
YIQ	200.2280, 16.5530, -8.1430

Conversions

Conversions Part 2

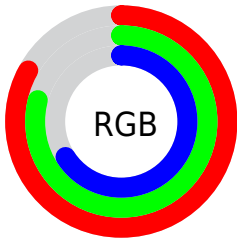
Format	Color
R_{YB}	181, 211, 168
Decimal	13879720
CIE _{Lab}	81.00, -1.85, 17.76
CIE _{LCh}	81, 17.860, 95.958
Yxy	58.4711, 0.3454, 0.3683
Android (android.graphics.Color)	4292069800 (0xFFD3C9A8)
YUV	200.2280, -15.8884, 9.4470
Hunter-Lab	76.4664, -5.8022, 18.2803

Details

The CIELCh color $81, 17.860, 95.958$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $73, 18.166, 281.113$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 16.187, 108.954$, and $61, 17.736, 95.884$ is the 20% darker color. If you saturate the color by 10%, you get $79, 26.729, 94.731$, and if you desaturate by 10%, it is $83, 9.046, 97.158$.

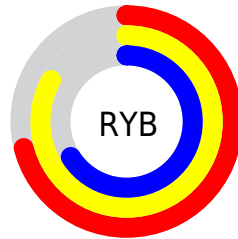
Distribution



Red (83%)

Green (79%)

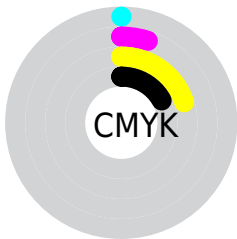
Blue (66%)



Red (71%)

Yellow (83%)

Blue (66%)

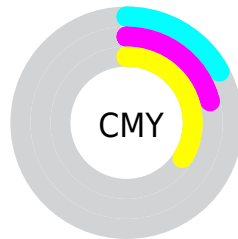


Cyan (0%)

Magenta (5%)

Yellow (20%)

Black (17%)



Cyan (17%)

Magenta (21%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 17.860, 95.958 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, 17.860, 95.958 by changing the saturation by 10% instead.

 81, 17.860, 95.958

 81, 17.860, 95.958

 100, 17.860,
95.958

 71, 17.860, 95.958

 61, 17.860, 95.958

 51, 17.860, 95.958

 41, 17.860, 95.958

 31, 17.860, 95.958

 21, 17.860, 95.958

 11, 17.860, 95.958

 1, 17.860, 95.958

 0, 17.860, 95.958

81, 17.860, 95.958

81, 17.860, 95.958

79, 26.729, 94.731

83, 9.046, 97.158

78, 35.582, 93.467

85, 0.317, 97.763

76, 44.299, 92.177

86, 8.310, 279.481

75, 52.660, 90.860

88, 16.829,
280.541

73, 60.298, 89.504

90, 15.939,
273.783

72, 66.641, 88.076

91, 14.114,
263.927

70, 70.966, 86.508

69, 73.061, 84.817

92, 12.810,
251.716

93, 12.183,
237.622

95, 12.327,

Harmonies

Complementary

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



81, 17.860, 95.958



73, 18.166, 281.113

Rectangle

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



81, 17.860, 95.958



81, 17.860, 145.958



81, 17.860, 275.958



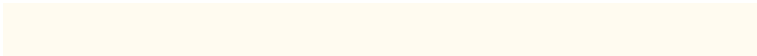
81, 17.860, 325.958

Sweetspot

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



81, 17.861, 95.965



99, 6.080, 97.649



73, 17.329, 2.822



53, 4.035, 97.576



0, 0.000, 0.000



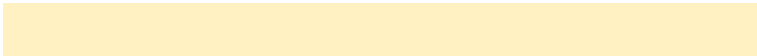
53, 0.007, 296.813

Same Dimension

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



81, 17.861, 95.965



95, 24.571, 95.490



83, 22.969, 119.303



43, 4.906, 97.270



56, 61.815, 85.146



12, 18.360, 88.777

Inverse Universe

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



73, 18.166, 281.113



84, 25.078, 281.735



71, 23.930, 301.928



41, 4.951, 279.555



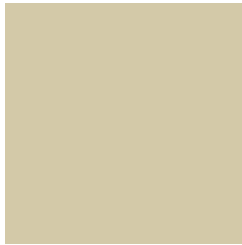
25, 82.064, 301.094



3, 21.507, 286.962

Previews

White Background



This preview shows how the CIELCh color 81, 17.860, 95.958 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, 17.860, 95.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

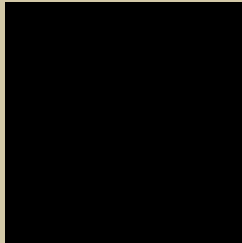
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

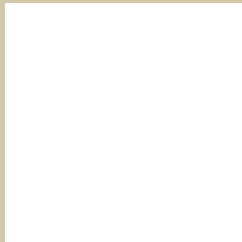
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 17.860, 95.958

Background



This preview shows how black text looks on a background with the CIELCh color 81, 17.860, 95.958.



This preview shows how white text looks on a background with the CIELCh color 81, 17.860, 95.958.

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, 17.860, 95.958

Protanopia

81, 17.951, 94.732

Deuteranopia

81, 19.804, 57.907



Tritanopia
81, 11.340, 335.705

Trichromacy



Original Color
81, 17.860, 95.958

Protanomaly
81, 17.951, 94.732

Deuteranomaly
81, 18.145, 71.402

Tritanomaly
81, 6.808, 28.765

Monochromacy



Original Color
81, 17.860, 95.958

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 6.519, 96.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 17.860, 95.958 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(211, 201, 168)` looks like.

```
.text, #text, p{  
    color:rgb(211, 201, 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(211, 201, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 201, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 17.860, 95.958 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(211, 201, 168) }
```

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

```
.border{ border-color:rgb(211, 201, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 201, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 201, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 201, 168);  
box-shadow:4px 4px 4px 4px rgb(211, 201,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 17.860, 95.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 201, 168) }
```

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

```
.background{ background-color: rgb(211,  
201, 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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