

Converting Colors

CIELCh(81, 19.773, 98.465)

Have a look what the booklet for
CIELCh(81, 19.773, 98.465) contains.

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Color

CIELCh(81, 19.762, 99.277)

Conversions

Conversions Part 1

Format	Color
Hex	D2CAA5
RGB	210, 202, 165
RGB Percent	82%, 79%, 65%
CMY	0.1776, 0.2090, 0.3540
CMYK	0.00, 0.04, 0.21, 0.18
HSL	49°, 33%, 73%
HSV	49°, 21%, 82%
XYZ	54.3143, 58.4711, 43.8880
YIQ	200.1740, 16.6450, -9.8110

Conversions

Conversions Part 2

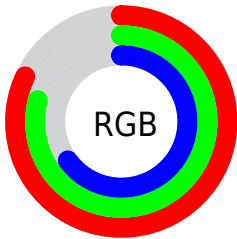
Format	Color
RYB	175, 210, 165
Decimal	13814437
CIELab	81.00, -3.19, 19.50
CIELCh	81, 19.762, 99.277
Yxy	58.4711, 0.3467, 0.3732
Android (android.graphics.Color)	4292004517 (0xFFD2CAA5)
YUV	200.1740, -17.3408, 8.6174
Hunter-Lab	76.4664, -7.0271, 19.4969

Details

The CIELCh color $81, 19.762, 99.277$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $71, 20.314, 284.494$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 17.699, 108.839$, and $61, 19.740, 99.344$ is the 20% darker color. If you saturate the color by 10%, you get $80, 29.000, 98.111$, and if you desaturate by 10%, it is $82, 10.521, 100.425$.

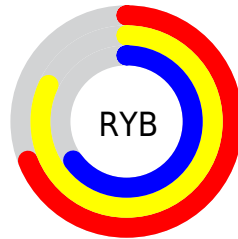
Distribution



Red (82%)

Green (79%)

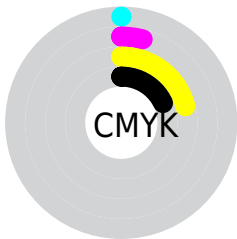
Blue (65%)



Red (69%)

Yellow (82%)

Blue (65%)

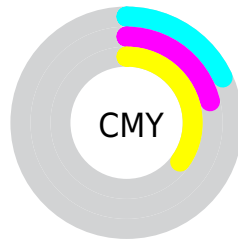


Cyan (0%)

Magenta (4%)

Yellow (21%)

Black (18%)



Cyan (18%)

Magenta (21%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 19.762, 99.277 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, 19.762, 99.277 by changing the saturation by 10% instead.

■ 81, 19.762, 99.277

■ 81, 19.762, 99.277

■ 100, 19.762,
99.277

■ 71, 19.762, 99.277

■ 61, 19.762, 99.277

■ 51, 19.762, 99.277

■ 41, 19.762, 99.277

■ 31, 19.762, 99.277

■ 21, 19.762, 99.277

■ 11, 19.762, 99.277

■ 1, 19.762, 99.277

■ 0, 19.762, 99.277

81, 19.762, 99.277

81, 19.762, 99.277

80, 29.000, 98.111

82, 10.521,
100.425

78, 38.144, 96.920

84, 1.320, 101.441

77, 47.045, 95.719

85, 7.812, 282.651

76, 55.453, 94.515

87, 16.863,
283.674

75, 62.959, 93.308

74, 68.980, 92.087

88, 18.353,
280.597

73, 72.847, 90.814

89, 16.683,
274.904

72, 74.464, 89.662

90, 15.209,
268.070

91, 13.992,
259.960

■ 92, 13.099,
250.582

Harmonies

Complementary

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



81, 19.762, 99.277



71, 20.314, 284.494

Rectangle

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



81, 19.762, 99.277



81, 19.762, 149.277



81, 19.762, 279.277



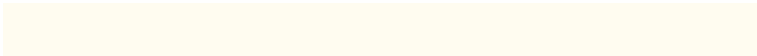
81, 19.762, 329.277

Sweetspot

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



81, 19.763, 99.283



99, 6.444, 101.018



72, 17.935, 6.701



53, 4.276, 100.947



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, 19.763, 99.283



96, 28.092, 98.719



82, 24.244, 121.221



43, 5.196, 100.653



59, 63.304, 89.892



13, 19.424, 93.441

Inverse Universe

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



71, 20.314, 284.494



82, 29.079, 285.258



70, 25.251, 303.763



41, 5.264, 282.834



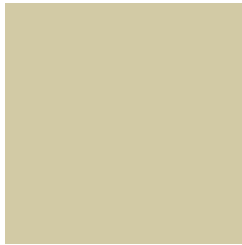
23, 87.250, 302.964



3, 22.435, 288.639

Previews

White Background



This preview shows how the CIELCh color 81, 19.762, 99.277 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, 19.762, 99.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

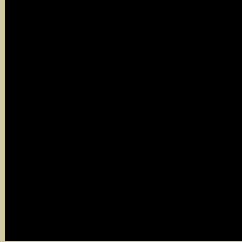
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

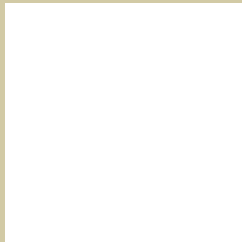
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 19.762, 99.277

Background



This preview shows how black text looks on a background with the CIELCh color 81, 19.762, 99.277.



This preview shows how white text looks on a background with the CIELCh color 81, 19.762, 99.277.

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, 19.762, 99.277

Protanopia

81, 20.097, 94.803

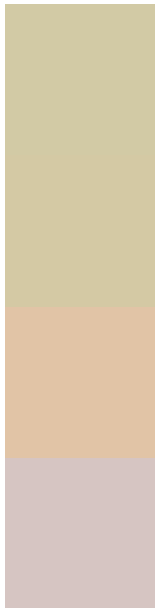
Deuteranopia

81, 21.590, 61.313



Tritanopia
81, 11.467, 332.492

Trichromacy



Original Color
81, 19.762, 99.277

Protanomaly
81, 20.005, 95.907

Deuteranomaly
81, 19.704, 73.035

Tritanomaly
81, 6.551, 33.802

Monochromacy



Original Color
81, 19.762, 99.277

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 7.486, 100.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 19.762, 99.277 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(210, 202, 165)` looks like.

```
.text, #text, p{  
    color:rgb(210, 202, 165)  
}
```

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(210, 202, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 202, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 19.762, 99.277 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(210, 202, 165) }
```

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

```
.border{ border-color:rgb(210, 202, 165) }
```

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

Here you see how a box with a 4 pixel rgb(210, 202, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 202, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 202, 165);  
box-shadow:4px 4px 4px 4px rgb(210, 202,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 19.762, 99.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 202, 165) }
```

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

```
.background{ background-color: rgb(210,  
202, 165) }
```

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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