

Converting Colors

CIELCh(78, 19.688, 85.788)

Have a look what the booklet for
CIELCh(78, 19.688, 85.788) contains.

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Color

CIELCh(78, 19.668, 85.803)

Conversions

Conversions Part 1

Format	Color
Hex	D2BF9D
RGB	210, 191, 157
RGB Percent	82%, 75%, 62%
CMY	0.1777, 0.2521, 0.3854
CMYK	0.00, 0.09, 0.25, 0.18
HSL	38°, 37%, 72%
HSV	38°, 25%, 82%
XYZ	51.1174, 53.2120, 39.3452
YIQ	192.8050, 22.2380, -6.5460

Conversions

Conversions Part 2

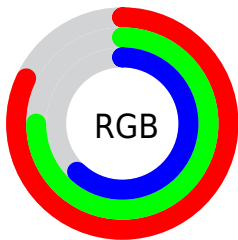
Format	Color
RYB	187, 210, 157
Decimal	13811613
CIELab	78.00, 1.44, 19.62
CIELCh	78, 19.668, 85.803
Yxy	53.2120, 0.3558, 0.3704
Android (android.graphics.Color)	4292001693 (0xFFD2BF9D)
YUV	192.8050, -17.6519, 15.0800
Hunter-Lab	72.9466, -2.5724, 19.0834

Details

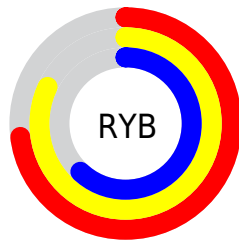
The CIELCh color **78, 19.668, 85.803** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 19.402, 272.872**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 18.035, 99.291**, and **58, 19.549, 86.015** is the 20% darker color. If you saturate the color by 10%, you get **76, 27.770, 84.456**, and if you desaturate by 10%, it is **80, 11.738, 87.120**.

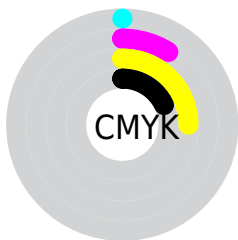
Distribution



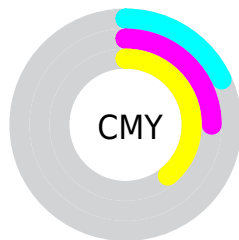
- Red (82%)
- Green (75%)
- Blue (62%)



- Red (73%)
- Yellow (82%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 19.668, 85.803 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 78, 19.668, 85.803 by changing the saturation by 10% instead.

 78, 19.668, 85.803

 78, 19.668, 85.803

 100, 19.668,
85.803

 68, 19.668, 85.803

 98, 19.668, 85.803

 58, 19.668, 85.803

 48, 19.668, 85.803

 38, 19.668, 85.803

 28, 19.668, 85.803

 18, 19.668, 85.803

 8, 19.668, 85.803

 0, 19.668, 85.803

 78, 19.668, 85.803

 78, 19.668, 85.803

76, 27.770, 84.456

80, 11.738, 87.120

73, 35.991, 83.061

83, 3.994, 88.351

71, 44.223, 81.617

85, 3.564, 269.724

69, 52.249, 80.101

88, 10.944,
270.853

67, 59.663, 78.453

90, 15.037,
267.070

65, 65.800, 76.556

63, 69.812, 74.209

92, 13.002,
249.086

62, 71.191, 72.997

94, 12.553,
227.592

96, 13.808,
207.567

97, 15.096,
198.501

Harmonies

Complementary

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



78, 19.668, 85.803



71, 19.402, 272.872

Rectangle

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



78, 19.668, 85.803



78, 19.668, 135.803



78, 19.668, 265.803



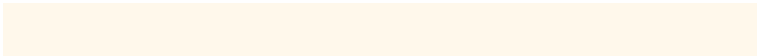
78, 19.668, 315.803

Sweetspot

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



78, 19.669, 85.810



98, 7.141, 88.019



70, 22.793, 354.091



52, 5.086, 87.833



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 19.669, 85.810



92, 27.535, 85.129



82, 27.833, 113.467



43, 4.319, 87.858



51, 60.434, 73.514



11, 16.495, 75.832

Inverse Universe

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



71, 19.402, 272.872



82, 27.084, 273.828



67, 29.491, 297.720



41, 4.307, 270.348



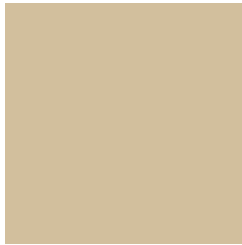
30, 68.292, 294.871



4, 19.211, 281.910

Previews

White Background



This preview shows how the CIELCh color 78, 19.668, 85.803 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 78, 19.668, 85.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

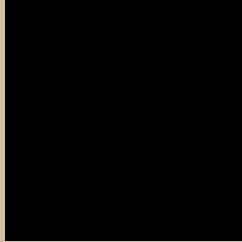
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 19.668, 85.803

Background



This preview shows how black text looks on a background with the CIELCh color 78, 19.668, 85.803.



This preview shows how white text looks on a background with the CIELCh color 78, 19.668, 85.803.

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

78, 19.668, 85.803

Protanopia

78, 19.122, 95.259

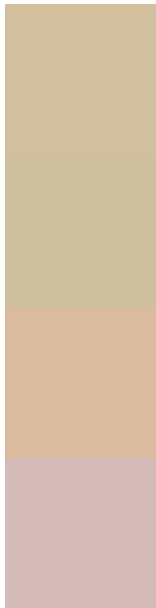
Deuteranopia

78, 21.490, 61.928



Tritanopia
78, 13.417, 346.686

Trichromacy



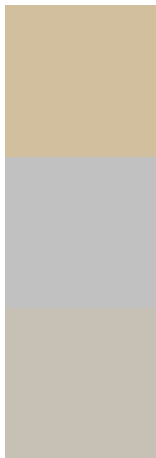
Original Color
78, 19.668, 85.803

Protanomaly
78, 18.946, 91.418

Deuteranomaly
78, 20.236, 69.353

Tritanomaly
78, 10.037, 29.272

Monochromacy



Original Color
78, 19.668, 85.803

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 6.916, 86.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 19.668, 85.803 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, 191, 157)` looks like.

```
.text, #text, p{  
    color:rgb(210, 191, 157)  
}
```

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, 191, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 191, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 19.668, 85.803 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, 191, 157) }
```

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

```
.border{ border-color:rgb(210, 191, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 191, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 191, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 191, 157);  
box-shadow:4px 4px 4px 4px rgb(210, 191,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 19.668, 85.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 191, 157) }
```

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

```
.background{ background-color: rgb(210,  
191, 157) }
```

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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