

Converting Colors

CIELCh(78, 22.101, 100.852)

Have a look what the booklet for
CIELCh(78, 22.101, 100.852)
contains.

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Color

CIELCh(78, 21.943, 100.845)

Conversions

Conversions Part 1

Format	Color
Hex	C9C299
RGB	201, 194, 153
RGB Percent	79%, 76%, 60%
CMY	0.2123, 0.2398, 0.4005
CMYK	0.00, 0.03, 0.24, 0.21
HSL	51°, 31%, 69%
HSV	51°, 24%, 79%
XYZ	49.0460, 53.2120, 37.7629
YIQ	191.4190, 17.3330, -11.2670

Conversions

Conversions Part 2

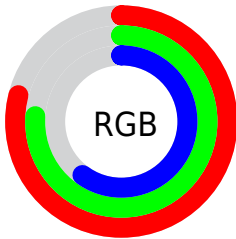
Format	Color
RYB	161, 201, 153
Decimal	13222553
CIELab	78.00, -4.13, 21.55
CIELCh	78, 21.943, 100.845
Yxy	53.2120, 0.3503, 0.3800
Android (android.graphics.Color)	4291412633 (0xFFC9C299)
YUV	191.4190, -18.9406, 8.4025
Hunter-Lab	72.9466, -7.6410, 20.3694

Details

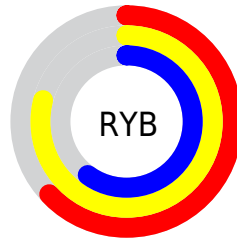
The CIELCh color **78, 21.943, 100.845** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 22.758, 286.553**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 21.370, 103.519**, and **58, 22.002, 101.980** is the 20% darker color. If you saturate the color by 10%, you get **77, 31.089, 99.717**, and if you desaturate by 10%, it is **79, 12.747, 101.963**.

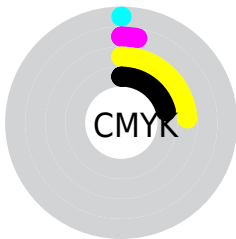
Distribution



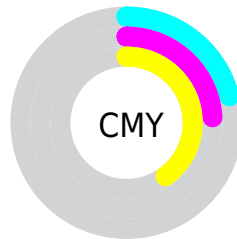
- Red (79%)
- Green (76%)
- Blue (60%)



- Red (63%)
- Yellow (79%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (24%)
- Black (21%)




- Cyan (21%)
- Magenta (24%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 21.943, 100.845 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, 21.943, 100.845 by changing the saturation by 10% instead.

 78, 21.943,
100.845

 78, 21.943,
100.845


 100, 21.943,
100.845


 68, 21.943,
100.845


 98, 21.943,
100.845

 58, 21.943,
100.845

 48, 21.943,
100.845

 38, 21.943,
100.845

 28, 21.943,
100.845

 18, 21.943,
100.845

 8, 21.943, 100.845

0, 21.943, 100.845

78, 21.943,
100.845

78, 21.943,
100.845

77, 31.089, 99.717

79, 12.747,
101.963

76, 40.078, 98.574

80, 3.558, 103.028

75, 48.738, 97.435

82, 5.589, 284.143

74, 56.785, 96.311

83, 14.674,
285.146

73, 63.782, 95.208

72, 69.146, 94.125

84, 23.686,
286.116

71, 72.299, 93.036

85, 23.092,
283.513

71, 73.358, 92.363

86, 21.672,

280.220

■ 87, 20.333,
276.499

■ 87, 19.090,
272.295

Harmonies

Complementary

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



78, 21.943, 100.845



67, 22.758, 286.553

Rectangle

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



78, 21.943, 100.845



78, 21.943, 150.845



78, 21.943, 280.845



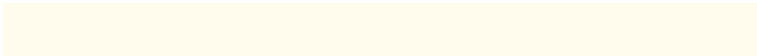
78, 21.943, 330.845

Sweetspot

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



78, 21.944, 100.850



99, 7.780, 102.698



68, 19.278, 9.550



53, 5.057, 102.633



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, 21.944, 100.850



96, 32.316, 100.227



79, 26.213, 122.388



41, 5.156, 102.455



58, 62.958, 92.539



11, 17.092, 96.856

Inverse Universe

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



67, 22.758, 286.553



79, 33.847, 287.439



66, 27.377, 305.086



39, 5.233, 284.563



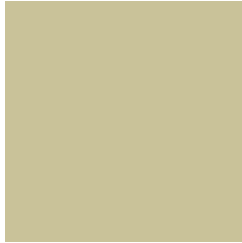
21, 87.717, 303.791



2, 19.326, 287.731

Previews

White Background



This preview shows how the CIELCh color 78, 21.943, 100.845 looks on a white background.

Color Contrast Check

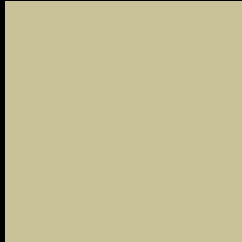
Large Text (above 18pt) WCAG AA × Fail

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, 21.943, 100.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

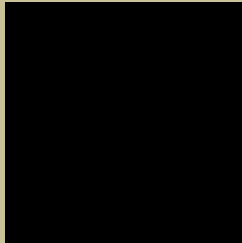
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

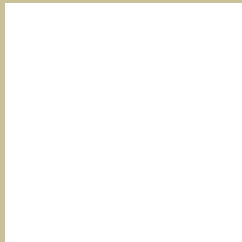
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 21.943, 100.845

Background



This preview shows how black text looks on a background with the CIELCh color 78, 21.943, 100.845.



This preview shows how white text looks on a background with the CIELCh color 78, 21.943, 100.845.

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, 21.943, 100.845

Protanopia

78, 21.914, 94.430

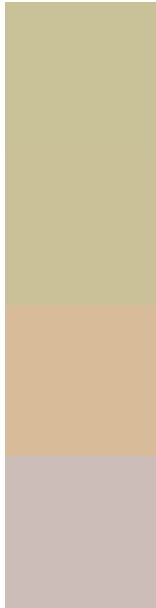
Deuteranopia

78, 22.678, 64.615



Tritanopia
78, 10.915, 332.936

Trichromacy



Original Color
78, 21.943, 100.845

Protanomaly
78, 22.152, 97.738

Deuteranomaly
78, 21.467, 76.759

Tritanomaly
78, 6.612, 43.526

Monochromacy



Original Color
78, 21.943, 100.845

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 8.079, 101.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 21.943, 100.845 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(201, 194, 153)` looks like.

```
.text, #text, p{  
    color:rgb(201, 194, 153)  
}
```

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(201, 194, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 194, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 21.943, 100.845 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(201, 194, 153) }
```

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

```
.border{ border-color:rgb(201, 194, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 194, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 194, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 194, 153);  
box-shadow:4px 4px 4px 4px rgb(201, 194,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 21.943, 100.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 194, 153) }
```

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

```
.background{ background-color: rgb(201,  
194, 153) }
```

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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