

Converting Colors

CIELCh(78, 21.453, 94.429)

Have a look what the booklet for
CIELCh(78, 21.453, 94.429) contains.

CIELCh(78, 21.399, 94.165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 21.399, 94.165)

Conversions

Conversions Part 1

Format	Color
Hex	CDC099
RGB	205, 192, 153
RGB Percent	80%, 75%, 60%
CMY	0.1946, 0.2456, 0.3986
CMYK	0.00, 0.06, 0.25, 0.19
HSL	45°, 34%, 70%
HSV	45°, 25%, 81%
XYZ	49.9966, 53.2120, 37.9313
YIQ	191.4410, 20.2670, -9.3730

Conversions

Conversions Part 2

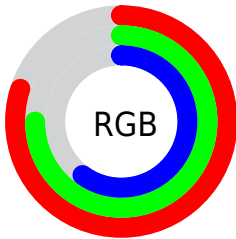
Format	Color
R _{YB}	170, 205, 153
Decimal	13484185
CIE Lab	78.00, -1.55, 21.34
CIE LCh	78, 21.399, 94.165
Yxy	53.2120, 0.3542, 0.3770
Android (android.graphics.Color)	4291674265 (0xFFCDC099)
YUV	191.4410, -18.9514, 11.8912
Hunter-Lab	72.9466, -5.3149, 20.2325

Details

The CIELCh color **78, 21.399, 94.165** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 21.773, 280.800**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 20.976, 101.382**, and **58, 21.392, 94.849** is the 20% darker color. If you saturate the color by 10%, you get **76, 29.965, 92.904**, and if you desaturate by 10%, it is **80, 12.879, 95.401**.

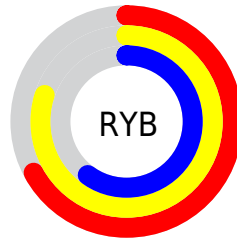
Distribution



Red (80%)

Green (75%)

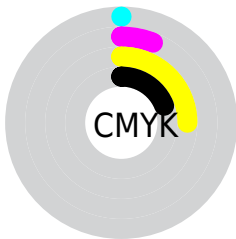
Blue (60%)



Red (67%)

Yellow (80%)

Blue (60%)

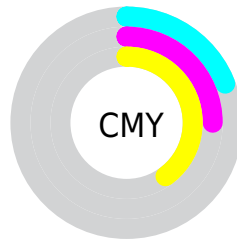


Cyan (0%)

Magenta (6%)

Yellow (25%)

Black (19%)



Cyan (19%)

Magenta (25%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 21.399, 94.165 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, 21.399, 94.165 by changing the saturation by 10% instead.

 78, 21.399, 94.165

 78, 21.399, 94.165

 100, 21.399,
94.165

 68, 21.399, 94.165

 98, 21.399, 94.165

 58, 21.399, 94.165

 48, 21.399, 94.165

 38, 21.399, 94.165

 28, 21.399, 94.165

 18, 21.399, 94.165

 8, 21.399, 94.165

 0, 21.399, 94.165

 78, 21.399, 94.165

 78, 21.399, 94.165

76, 29.965, 92.904

80, 12.879, 95.401

75, 38.490, 91.605

82, 4.443, 96.570

73, 46.824, 90.276

83, 3.888, 277.816

72, 54.698, 88.908

85, 12.106,
278.890

70, 61.666, 87.475

87, 19.672,
279.538

69, 67.077, 85.919

67, 70.227, 84.139

89, 17.442,
271.869

67, 71.181, 83.255

90, 15.605,
262.263

91, 14.300,
250.607

92, 13.671,
237.365

Harmonies

Complementary

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



78, 21.399, 94.165



68, 21.773, 280.800

Rectangle

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



78, 21.399, 94.165



78, 21.399, 144.165



78, 21.399, 274.165



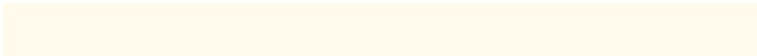
78, 21.399, 324.165

Sweetspot

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



78, 21.400, 94.171



98, 7.971, 96.257



69, 21.404, 2.224



52, 5.672, 96.080



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, 21.400, 94.171



94, 30.280, 93.535



80, 27.805, 118.321



42, 4.721, 96.108



55, 60.765, 83.600



11, 16.620, 87.432

Inverse Universe

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



68, 21.773, 280.800



80, 30.941, 281.690



66, 29.310, 301.746



40, 4.757, 278.418



25, 79.277, 300.359



3, 19.528, 285.307

Previews

White Background



This preview shows how the CIELCh color 78, 21.399, 94.165 looks on a white background.

Color Contrast Check

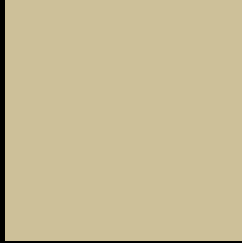
Large Text (above 18pt) WCAG AA × Fail

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, 21.399, 94.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

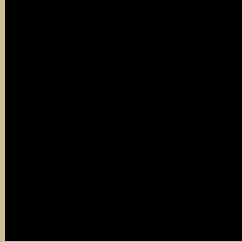
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 21.399, 94.165

Background



This preview shows how black text looks on a background with the CIELCh color 78, 21.399, 94.165.



This preview shows how white text looks on a background with the CIELCh color 78, 21.399, 94.165.

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, 21.399, 94.165

Protanopia

78, 21.798, 95.473

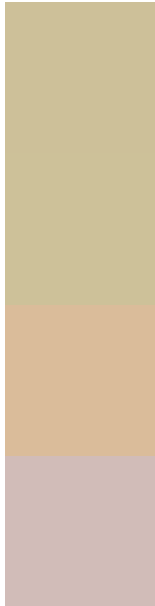
Deuteranopia

78, 22.976, 63.903



Tritanopia
78, 12.244, 339.504

Trichromacy



Original Color
78, 21.399, 94.165

Protanomaly
78, 21.798, 95.473

Deuteranomaly
78, 21.924, 74.965

Tritanomaly
78, 8.256, 34.892

Monochromacy



Original Color
78, 21.399, 94.165

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 7.697, 95.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 21.399, 94.165 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(205, 192, 153)` looks like.

```
.text, #text, p{  
    color:rgb(205, 192, 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(205, 192, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 192, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 21.399, 94.165 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(205, 192, 153) }
```

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

```
.border{ border-color:rgb(205, 192, 153) }
```

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

Here you see how a box with a 4 pixel rgb(205, 192, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 192, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 192, 153);  
box-shadow:4px 4px 4px 4px rgb(205, 192,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 21.399, 94.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 192, 153) }
```

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

```
.background{ background-color: rgb(205,  
192, 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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