

Converting Colors

CIELCh(78, 23.702, 91.022)

Have a look what the booklet for
CIELCh(78, 23.702, 91.022) contains.

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Color

CIELCh(78, 23.892, 91.340)

Conversions

Conversions Part 1

Format	Color
Hex	D1C095
RGB	209, 192, 149
RGB Percent	82%, 75%, 58%
CMY	0.1818, 0.2484, 0.4170
CMYK	0.00, 0.08, 0.29, 0.18
HSL	43°, 39%, 70%
HSV	43°, 29%, 82%
XYZ	50.3675, 53.2120, 35.9119
YIQ	192.1810, 23.9350, -9.7690

Conversions

Conversions Part 2

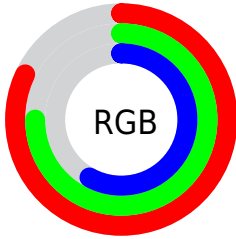
Format	Color
R _Y B	173, 209, 149
Decimal	13746325
CIE Lab	78.00, -0.56, 23.89
CIE LCh	78, 23.892, 91.340
Yxy	53.2120, 0.3611, 0.3815
Android (android.graphics.Color)	4291936405 (0xFFD1C095)
YUV	192.1810, -21.2882, 14.7503
Hunter-Lab	72.9466, -4.4074, 21.8739

Details

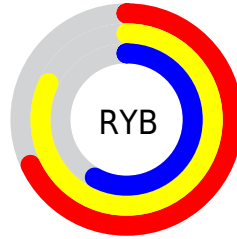
The CIELCh color **78, 23.892, 91.340** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 24.142, 279.190**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 22.984, 101.819**, and **58, 24.012, 91.586** is the 20% darker color. If you saturate the color by 10%, you get **76, 32.376, 90.030**, and if you desaturate by 10%, it is **80, 15.472, 92.623**.

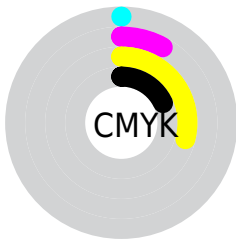
Distribution



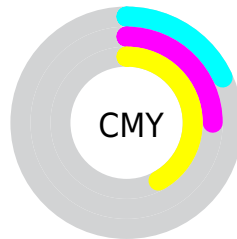
- Red (82%)
- Green (75%)
- Blue (58%)



- Red (68%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (8%)
- Yellow (29%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 23.892, 91.340 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, 23.892, 91.340 by changing the saturation by 10% instead.

■ 78, 23.892, 91.340

■ 78, 23.892, 91.340

■ 100, 23.892,
91.340

■ 68, 23.892, 91.340

■ 98, 23.892, 91.340

■ 58, 23.892, 91.340

■ 48, 23.892, 91.340

■ 38, 23.892, 91.340

■ 28, 23.892, 91.340

■ 18, 23.892, 91.340

■ 8, 23.892, 91.340

■ 0, 23.892, 91.340

■ 78, 23.892, 91.340

■ 78, 23.892, 91.340

76, 32.376, 90.030

80, 15.472, 92.623

74, 40.827, 88.677

82, 7.158, 93.849

73, 49.072, 87.283

84, 1.030, 275.285

71, 56.801, 85.826

86, 9.085, 276.250

69, 63.495, 84.259

88, 17.009,
277.339

68, 68.425, 82.486

90, 15.583,
268.221

66, 71.107, 80.402

91, 13.777,
255.122

66, 71.400, 80.138

93, 12.853,
239.300

94, 12.981,
222.597

Harmonies

Complementary

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



78, 23.892, 91.340



68, 24.142, 279.190

Rectangle

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



78, 23.892, 91.340



78, 23.892, 141.340



78, 23.892, 271.340



78, 23.892, 321.340

Sweetspot

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



78, 23.893, 91.346



98, 8.672, 93.806



68, 25.037, 0.282



52, 6.034, 93.630



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, 23.893, 91.346



92, 33.366, 90.607



81, 31.756, 116.724



43, 4.655, 93.770



54, 60.903, 80.534



12, 17.499, 83.927

Inverse Universe

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



68, 24.142, 279.190



78, 33.819, 280.272



65, 33.817, 300.919



41, 4.677, 276.147



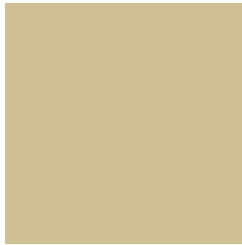
27, 76.722, 298.929



4, 20.638, 285.222

Previews

White Background



This preview shows how the CIELCh color 78, 23.892, 91.340 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, 23.892, 91.340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

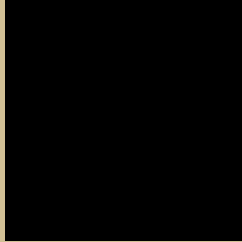
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

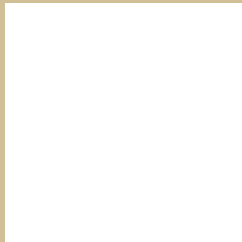
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 23.892, 91.340

Background



This preview shows how black text looks on a background with the CIELCh color 78, 23.892, 91.340.



This preview shows how white text looks on a background with the CIELCh color 78, 23.892, 91.340.

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, 23.892, 91.340

Protanopia

78, 23.954, 95.368

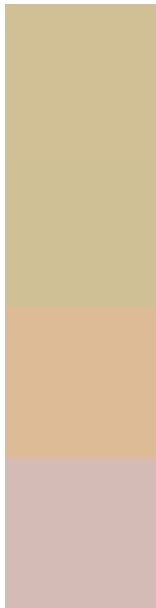
Deuteranopia

78, 25.321, 67.073



Tritanopia
78, 13.417, 346.686

Trichromacy



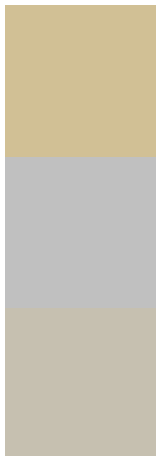
Original Color
78, 23.892, 91.340

Protanomaly
78, 24.049, 94.425

Deuteranomaly
78, 24.028, 74.371

Tritanomaly
78, 10.475, 37.830

Monochromacy



Original Color
78, 23.892, 91.340

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 8.827, 94.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 23.892, 91.340 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(209, 192, 149)` looks like.

```
.text, #text, p{  
    color:rgb(209, 192, 149)  
}
```

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(209, 192, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 192, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 23.892, 91.340 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(209, 192, 149) }
```

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

```
.border{ border-color:rgb(209, 192, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 192, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 192, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 192, 149);  
box-shadow:4px 4px 4px 4px rgb(209, 192,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 23.892, 91.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 192, 149) }
```

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

```
.background{ background-color: rgb(209,  
192, 149) }
```

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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