

Converting Colors

CIELCh(78, 26.991, 89.214)

Have a look what the booklet for
CIELCh(78, 26.991, 89.214) contains.

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Color

CIELCh(78, 26.964, 89.233)

Conversions

Conversions Part 1

Format	Color
Hex	D4BF8F
RGB	212, 191, 143
RGB Percent	83%, 75%, 56%
CMY	0.1688, 0.2511, 0.4394
CMYK	0.00, 0.10, 0.33, 0.17
HSL	42°, 44%, 70%
HSV	42°, 33%, 83%
XYZ	50.7117, 53.2120, 33.5666
YIQ	191.8070, 27.9240, -10.4760

Conversions

Conversions Part 2

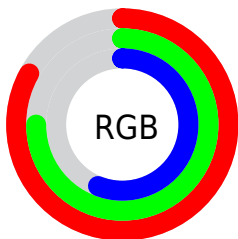
Format	Color
R _Y B	173, 212, 143
Decimal	13942671
CIE Lab	78.00, 0.36, 26.96
CIE LCh	78, 26.964, 89.233
Yxy	53.2120, 0.3688, 0.3870
Android (android.graphics.Color)	4292132751 (0xFFD4BF8F)
YUV	191.8070, -24.0619, 17.7093
Hunter-Lab	72.9466, -3.5651, 23.7801

Details

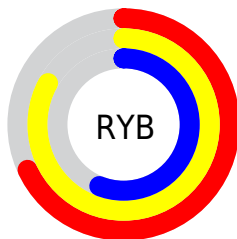
The CIELCh color **78, 26.964, 89.233** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 27.089, 278.432**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 25.552, 101.373**, and **58, 27.111, 89.985** is the 20% darker color. If you saturate the color by 10%, you get **76, 35.457, 87.887**, and if you desaturate by 10%, it is **80, 18.535, 90.551**.

Distribution



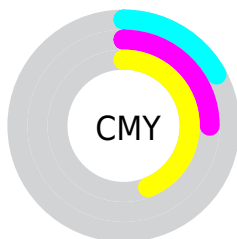
- Red (83%)
- Green (75%)
- Blue (56%)



- Red (68%)
- Yellow (83%)
- Blue (56%)



- Cyan (0%)
- Magenta (10%)
- Yellow (33%)
- Black (17%)



- Cyan (17%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 26.964, 89.233 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, 26.964, 89.233 by changing the saturation by 10% instead.

 78, 26.964, 89.233

 78, 26.964, 89.233

 100, 26.964,
89.233

 68, 26.964, 89.233

 98, 26.964, 89.233

 58, 26.964, 89.233

 48, 26.964, 89.233

 38, 26.964, 89.233

 28, 26.964, 89.233

 18, 26.964, 89.233

 8, 26.964, 89.233

 0, 26.964, 89.233

 78, 26.964, 89.233

 78, 26.964, 89.233

76, 35.457, 87.887

80, 18.535, 90.551

74, 43.900, 86.494

82, 10.223, 91.817

72, 52.081, 85.048

84, 2.052, 92.959

70, 59.620, 83.513

87, 5.971, 274.296

69, 65.907, 81.815

89, 13.850,
275.409

67, 70.144, 79.819

91, 14.271,
266.838

66, 71.975, 78.120

92, 12.487,
250.791

94, 11.905,
231.603

96, 12.668,
212.829

Harmonies

Complementary

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



78, 26.964, 89.233



67, 27.089, 278.432

Rectangle

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



78, 26.964, 89.233



78, 26.964, 139.233



78, 26.964, 269.233



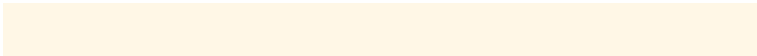
78, 26.964, 319.233

Sweetspot

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



78, 26.965, 89.239



97, 9.440, 92.117



67, 29.221, 358.467



52, 6.450, 91.943



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, 26.965, 89.239



90, 37.699, 88.315



83, 36.177, 115.058



44, 4.648, 92.199



54, 61.337, 78.544



12, 18.558, 81.656

Inverse Universe

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



67, 27.089, 278.432



76, 37.977, 279.861



63, 38.987, 300.199



42, 4.661, 274.619



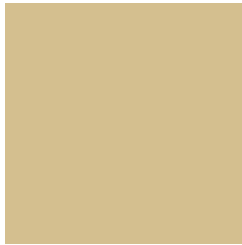
28, 75.322, 297.940



4, 21.805, 285.517

Previews

White Background



This preview shows how the CIELCh color 78, 26.964, 89.233 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, 26.964, 89.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

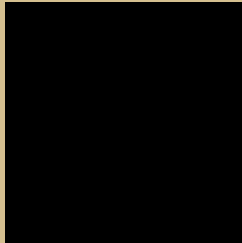
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 26.964, 89.233

Background



This preview shows how black text looks on a background with the CIELCh color 78, 26.964, 89.233.



This preview shows how white text looks on a background with the CIELCh color 78, 26.964, 89.233.

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, 26.964, 89.233

Protanopia

78, 26.618, 95.413

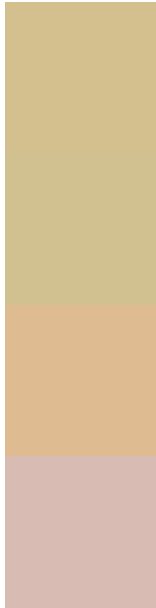
Deuteranopia

78, 28.444, 69.581



Tritanopia
78, 14.696, 350.124

Trichromacy



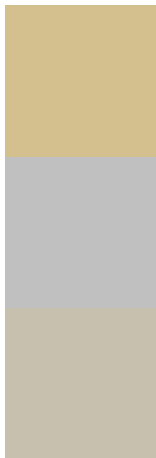
Original Color
78, 26.964, 89.233

Protanomaly
78, 26.437, 92.621

Deuteranomaly
78, 27.252, 76.176

Tritanomaly
78, 12.214, 43.203

Monochromacy



Original Color
78, 26.964, 89.233

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.960, 93.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 26.964, 89.233 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(212, 191, 143)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 143)  
}
```

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(212, 191, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 26.964, 89.233 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(212, 191, 143) }
```

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

```
.border{ border-color:rgb(212, 191, 143) }
```

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

Here you see how a box with a 4 pixel rgb(212, 191, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 143);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 26.964, 89.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 143) }
```

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

```
.background{ background-color: rgb(212,  
191, 143) }
```

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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