

Converting Colors

CIELCh(78, 21.369, 66.026)

Have a look what the booklet for
CIELCh(78, 21.369, 66.026) contains.

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Color

CIELCh(78, 21.369, 66.026)

Conversions

Conversions Part 1

Format	Color
Hex	DEBA9D
RGB	222, 186, 157
RGB Percent	87%, 73%, 62%
CMY	0.1285, 0.2697, 0.3835
CMYK	0.00, 0.16, 0.29, 0.13
HSL	27°, 50%, 74%
HSV	27°, 29%, 87%
XYZ	53.8981, 53.2120, 39.4196
YIQ	193.4580, 30.7650, -1.3870

Conversions

Conversions Part 2

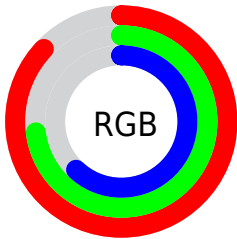
Format	Color
R _Y B	222, 209, 157
Decimal	14596765
CIE Lab	78.00, 8.68, 19.53
CIE LCh	78, 21.369, 66.026
Yxy	53.2120, 0.3678, 0.3631
Android (android.graphics.Color)	4292786845 (0xFFDEBA9D)
YUV	193.4580, -17.9738, 25.0313
Hunter-Lab	72.9466, 4.2320, 19.0229

Details

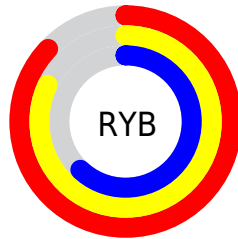
The CIELCh color **78, 21.369, 66.026** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 19.167, 253.738**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 16.055, 91.403**, and **58, 21.215, 65.747** is the 20% darker color. If you saturate the color by 10%, you get **75, 29.509, 64.916**, and if you desaturate by 10%, it is **82, 13.670, 67.158**.

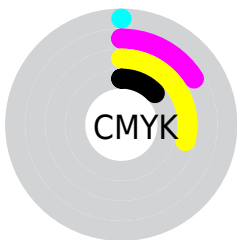
Distribution



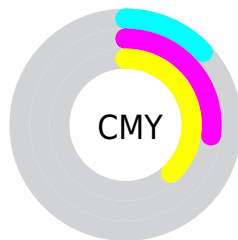
- Red (87%)
- Green (73%)
- Blue (62%)



- Red (87%)
- Yellow (82%)
- Blue (62%)



- Cyan (0%)
- Magenta (16%)
- Yellow (29%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 21.369, 66.026 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, 21.369, 66.026 by changing the saturation by 10% instead.

 78, 21.369, 66.026

 78, 21.369, 66.026

 100, 21.369,
66.026

 68, 21.369, 66.026

 98, 21.369, 66.026

 58, 21.369, 66.026

 48, 21.369, 66.026

 38, 21.369, 66.026

 28, 21.369, 66.026

 18, 21.369, 66.026

 8, 21.369, 66.026

 0, 21.369, 66.026

 78, 21.369, 66.026

 78, 21.369, 66.026

75, 29.509, 64.916

82, 13.670, 67.158

71, 38.083, 63.810

85, 6.389, 68.261

68, 47.023, 62.707

89, 0.507, 250.338

65, 56.141, 61.557

93, 7.057, 250.642

62, 65.010, 60.242

96, 9.309, 222.577

59, 72.795, 58.497

98, 11.081,
198.766

57, 78.586, 56.057

57, 79.006, 55.890

Harmonies

Complementary

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



78, 21.369, 66.026



77, 19.167, 253.738

Rectangle

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



78, 21.369, 66.026



78, 21.369, 116.026



78, 21.369, 246.026



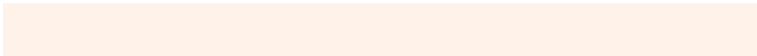
78, 21.369, 296.026

Sweetspot

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



78, 21.369, 66.034



96, 6.941, 68.281



72, 31.142, 342.733



51, 4.843, 68.124



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, 21.369, 66.034



86, 29.080, 65.360



86, 31.459, 104.347



45, 3.952, 68.240



45, 66.077, 56.525



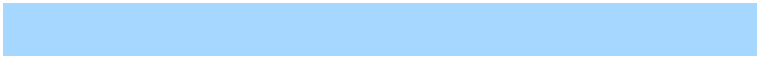
11, 19.745, 54.241

Inverse Universe

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



77, 19.167, 253.738



84, 25.426, 254.955



68, 33.438, 291.115



45, 3.834, 250.603



41, 48.857, 278.075



9, 17.340, 268.340

Previews

White Background



This preview shows how the CIELCh color 78, 21.369, 66.026 looks on a white background.

Color Contrast Check

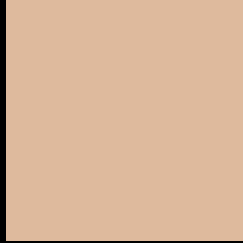
Large Text (above 18pt) WCAG AA × Fail

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, 21.369, 66.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

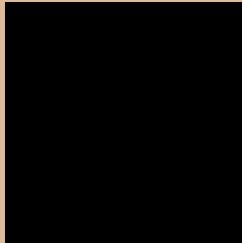
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 21.369, 66.026

Background



This preview shows how black text looks on a background with the CIELCh color 78, 21.369, 66.026.

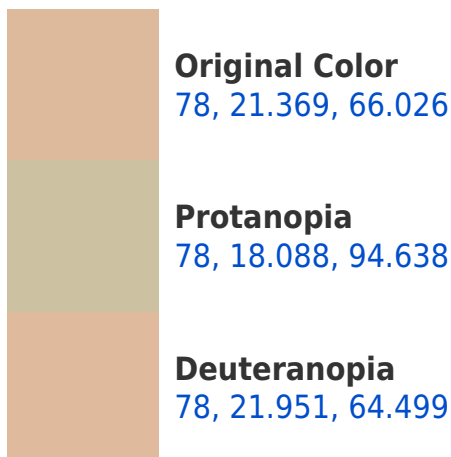


This preview shows how white text looks on a background with the CIELCh color 78, 21.369, 66.026.

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





Tritanopia
78, 18.449, 357.208

Trichromacy



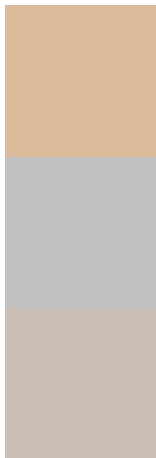
Original Color
78, 21.369, 66.026

Protanomaly
78, 18.852, 83.603

Deuteranomaly
78, 21.658, 65.252

Tritanomaly
78, 16.264, 24.433

Monochromacy



Original Color
78, 21.369, 66.026

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 7.263, 66.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 21.369, 66.026 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(222, 186, 157)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 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(222, 186, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 21.369, 66.026 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(222, 186, 157) }
```

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

```
.border{ border-color:rgb(222, 186, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 186, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 157);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 21.369, 66.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 186, 157) }
```

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

```
.background{ background-color: rgb(222,  
186, 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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