

Converting Colors

CIELCh(70, 27.005, 36.959)

Have a look what the booklet for
CIELCh(70, 27.005, 36.959) contains.

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Color

CIELCh(70, 26.758, 36.736)

Conversions

Conversions Part 1

Format	Color
Hex	DA9C8F
RGB	218, 156, 143
RGB Percent	85%, 61%, 56%
CMY	0.1444, 0.3876, 0.4386
CMYK	0.00, 0.28, 0.34, 0.14
HSL	10°, 50%, 71%
HSV	10°, 34%, 86%
XYZ	45.8490, 40.7494, 31.4967
YIQ	173.0560, 41.1250, 9.1010

Conversions

Conversions Part 2

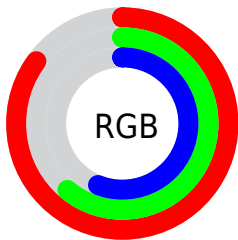
Format	Color
R _Y B	218, 159, 143
Decimal	14326927
CIE Lab	70.00, 21.44, 16.00
CIE LCh	70, 26.758, 36.736
Yxy	40.7494, 0.3882, 0.3451
Android (android.graphics.Color)	4292517007 (0xFFDA9C8F)
YUV	173.0560, -14.8176, 39.4159
Hunter-Lab	63.8353, 16.4941, 15.4306

Details

The CIELCh color **70, 26.758, 36.736** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79, 20.897, 217.661**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 18.430, 43.587**, and **50, 26.621, 36.020** is the 20% darker color. If you saturate the color by 10%, you get **65, 35.990, 37.226**, and if you desaturate by 10%, it is **75, 18.195, 36.460**.

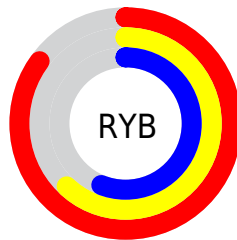
Distribution



Red (85%)

Green (61%)

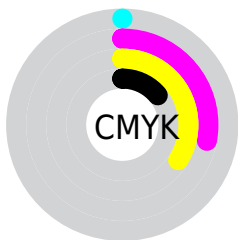
Blue (56%)



Red (85%)

Yellow (62%)

Blue (56%)

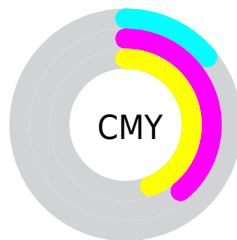


Cyan (0%)

Magenta (28%)

Yellow (34%)

Black (14%)



Cyan (14%)

Magenta (39%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 26.758, 36.736 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 70, 26.758, 36.736 by changing the saturation by 10% instead.

70, 26.758, 36.736

70, 26.758, 36.736

100, 26.758,
36.736

60, 26.758, 36.736

90, 26.758, 36.736

50, 26.758, 36.736

40, 26.758, 36.736

30, 26.758, 36.736

20, 26.758, 36.736

10, 26.758, 36.736

0, 26.758, 36.736

70, 26.758, 36.736

70, 26.758, 36.736

65, 35.990, 37.226

75, 18.195, 36.460

61, 45.857, 37.957

80, 10.292, 36.328

57, 56.239, 38.962

85, 3.009, 36.209

54, 66.859, 40.207

90, 3.708, 216.673

51, 77.112, 41.491

95, 9.919, 216.756

48, 85.667, 42.258

97, 12.394,
198.678

47, 89.449, 42.505

Harmonies

Complementary

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



70, 26.758, 36.736



79, 20.897, 217.661

Rectangle

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



70, 26.758, 36.736



70, 26.758, 86.736



70, 26.758, 216.736



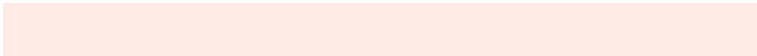
70, 26.758, 266.736

Sweetspot

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



70, 26.756, 36.742



94, 7.977, 36.297



69, 43.089, 331.539



49, 5.474, 36.307



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 26.756, 36.742



77, 37.270, 37.055



79, 28.499, 86.663



43, 3.996, 36.292



38, 75.002, 42.841



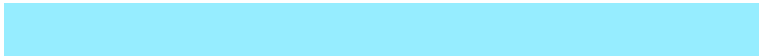
7, 21.279, 29.684

Inverse Universe

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



79, 20.897, 217.661



89, 27.421, 218.183



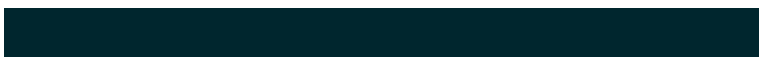
69, 28.297, 276.650



45, 3.764, 216.681



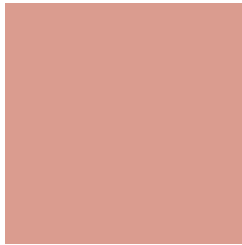
55, 32.626, 229.575



13, 13.130, 223.133

Previews

White Background



This preview shows how the CIELCh color 70, 26.758, 36.736 looks on a white background.

Color Contrast Check

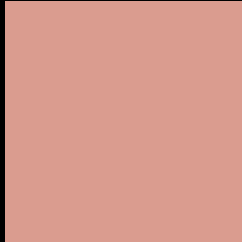
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 70, 26.758, 36.736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

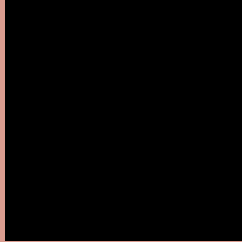
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 26.758, 36.736

Background



This preview shows how black text looks on a background with the CIELCh color 70, 26.758, 36.736.

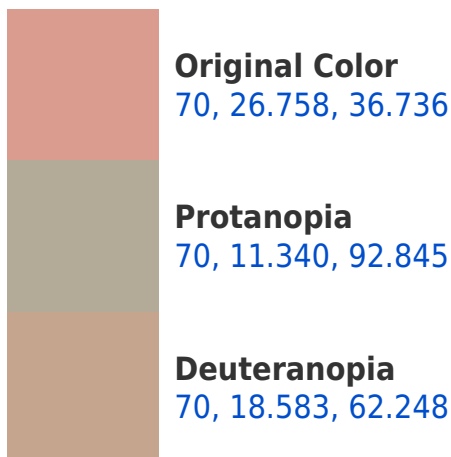


This preview shows how white text looks on a background with the CIELCh color 70, 26.758, 36.736.

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
70, 27.031, 8.249

Trichromacy



Original Color
70, 26.758, 36.736

Protanomaly
70, 14.740, 61.535

Deuteranomaly
70, 20.981, 51.657

Tritanomaly
70, 26.052, 18.350

Monochromacy



Original Color
70, 26.758, 36.736

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 9.019, 37.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 26.758, 36.736 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(218, 156, 143)` looks like.

```
.text, #text, p{  
    color:rgb(218, 156, 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(218, 156, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 156, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 26.758, 36.736 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(218, 156, 143) }
```

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

```
.border{ border-color:rgb(218, 156, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 156, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 156, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 156, 143);  
box-shadow:4px 4px 4px 4px rgb(218, 156,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 26.758, 36.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 156, 143) }
```

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

```
.background{ background-color: rgb(218,  
156, 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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