

Converting Colors

CIELCh(70, 27.671, 15.694)

Have a look what the booklet for
CIELCh(70, 27.671, 15.694) contains.

CIELCh(70, 27.649, 15.407)	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(70, 27.649, 15.407)

Conversions

Conversions Part 1

Format	Color
Hex	DE999F
RGB	222, 153, 159
RGB Percent	87%, 60%, 62%
CMY	0.1299, 0.4005, 0.3769
CMYK	0.00, 0.31, 0.28, 0.13
HSL	355°, 51%, 73%
HSV	355°, 31%, 87%
XYZ	47.7015, 40.7494, 38.0963
YIQ	174.3150, 39.1980, 16.4940

Conversions

Conversions Part 2

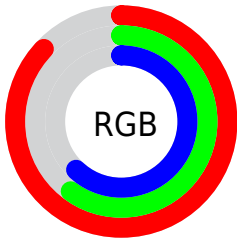
Format	Color
R _Y B	222, 153, 159
Decimal	14588319
CIE Lab	70.00, 26.66, 7.35
CIE LCh	70, 27.649, 15.407
Yxy	40.7494, 0.3769, 0.3220
Android (android.graphics.Color)	4292778399 (0xFFDE999F)
YUV	174.3150, -7.5503, 41.8197
Hunter-Lab	63.8353, 21.6740, 9.3010

Details

The CIELCh color **70, 27.649, 15.407** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **84, 23.140, 189.900**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.722, 10.653**, and **50, 27.604, 14.771** is the 20% darker color. If you saturate the color by 10%, you get **65, 37.559, 17.020**, and if you desaturate by 10%, it is **76, 18.178, 14.129**.

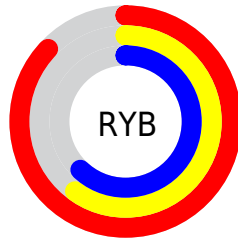
Distribution



Red (87%)

Green (60%)

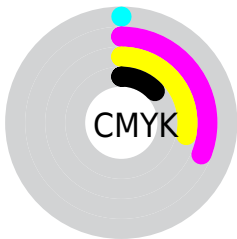
Blue (62%)



Red (87%)

Yellow (60%)

Blue (62%)

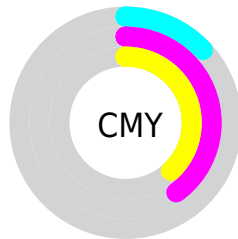


Cyan (0%)

Magenta (31%)

Yellow (28%)

Black (13%)



Cyan (13%)

Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 27.649, 15.407 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, 27.649, 15.407 by changing the saturation by 10% instead.

70, 27.649, 15.407

70, 27.649, 15.407

100, 27.649,
15.407

60, 27.649, 15.407

90, 27.649, 15.407

50, 27.649, 15.407

40, 27.649, 15.407

30, 27.649, 15.407

20, 27.649, 15.407

10, 27.649, 15.407

0, 27.649, 15.407

70, 27.649, 15.407

70, 27.649, 15.407

65, 37.559, 17.020

76, 18.178, 14.129

60, 47.731, 19.066

82, 9.246, 13.075

55, 57.883, 21.681

88, 0.882, 11.642

52, 67.671, 24.981

94, 6.928, 191.689

49, 76.751, 28.984

98, 11.197,
198.758

47, 84.748, 33.423

46, 90.500, 36.986

Harmonies

Complementary

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



70, 27.649, 15.407



84, 23.140, 189.900

Rectangle

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



70, 27.649, 15.407



70, 27.649, 65.407



70, 27.649, 195.407



70, 27.649, 245.407

Sweetspot

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



70, 27.647, 15.411



94, 8.342, 12.878



71, 43.204, 323.212



49, 5.825, 13.021



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, 27.647, 15.411



76, 37.487, 16.363



76, 22.592, 60.764



44, 4.751, 12.915



36, 75.511, 36.335



6, 25.365, 17.277

Inverse Universe

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



70, 27.647, 15.411



76, 37.487, 16.363



77, 19.604, 248.266



44, 4.751, 12.915



36, 75.511, 36.335



6, 25.365, 17.277

Previews

White Background



This preview shows how the CIELCh color 70, 27.649, 15.407 looks on a white background.

Color Contrast Check

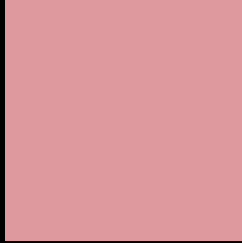
Large Text (above 18pt) WCAG AA × Fail

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 70, 27.649, 15.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

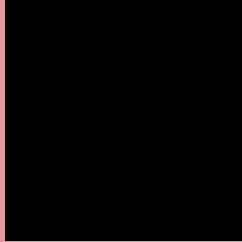
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 27.649, 15.407

Background



This preview shows how black text looks on a background with the CIELCh color 70, 27.649, 15.407.

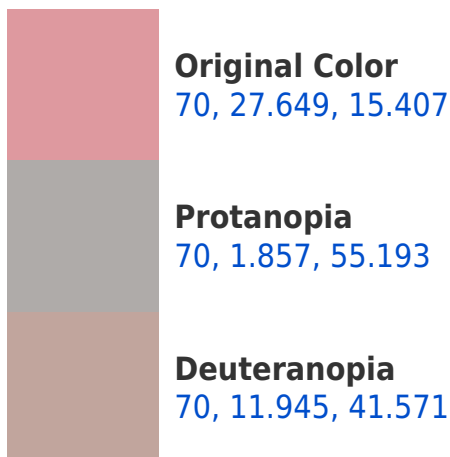



This preview shows how white text looks on a background with the CIELCh color 70, 27.649, 15.407.

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, 28.229, 8.995

Trichromacy



Original Color
70, 27.649, 15.407

Protanomaly
70, 10.900, 17.490

Deuteranomaly
70, 16.803, 26.409

Tritanomaly
70, 28.137, 11.177

Monochromacy



Original Color
70, 27.649, 15.407

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 9.770, 10.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 27.649, 15.407 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, 153, 159)` looks like.

```
.text, #text, p{  
    color:rgb(222, 153, 159)  
}
```

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, 153, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 153, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 27.649, 15.407 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, 153, 159) }
```

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

```
.border{ border-color:rgb(222, 153, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 153, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 153, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 153, 159);  
box-shadow:4px 4px 4px 4px rgb(222, 153,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 27.649, 15.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 153, 159) }
```

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

```
.background{ background-color: rgb(222,  
153, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor