

Converting Colors

CIELCh(71, 26.883, 27.032)

Have a look what the booklet for
CIELCh(71, 26.883, 27.032) contains.

CIELCh(71, 26.890, 26.409)	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(71, 26.890, 26.409)

Conversions

Conversions Part 1

Format	Color
Hex	DF9D99
RGB	223, 157, 153
RGB Percent	87%, 62%, 60%
CMY	0.1248, 0.3837, 0.3994
CMYK	0.00, 0.30, 0.31, 0.12
HSL	3°, 52%, 74%
HSV	3°, 31%, 88%
XYZ	48.3304, 42.1875, 35.8001
YIQ	176.2780, 40.6200, 12.7480

Conversions

Conversions Part 2

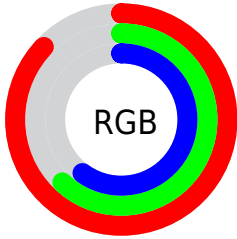
Format	Color
R _Y B	223, 157, 153
Decimal	14654873
CIE Lab	71.00, 24.08, 11.96
CIE LCh	71, 26.890, 26.409
Yxy	42.1875, 0.3826, 0.3340
Android (android.graphics.Color)	4292844953 (0xFFDF9D99)
YUV	176.2780, -11.4761, 40.9752
Hunter-Lab	64.9519, 19.1553, 12.7869

Details

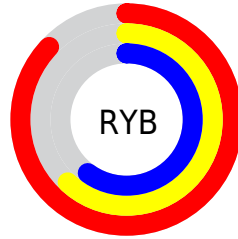
The CIELCh color **71, 26.890, 26.409** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83, 21.518, 203.648**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 16.414, 29.577**, and **51, 26.859, 26.330** is the 20% darker color. If you saturate the color by 10%, you get **66, 36.838, 27.557**, and if you desaturate by 10%, it is **77, 17.597, 25.557**.

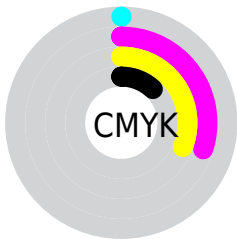
Distribution



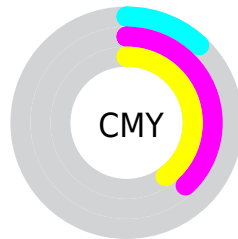
- Red (87%)
- Green (62%)
- Blue (60%)



- Red (87%)
- Yellow (62%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (31%)
- Black (12%)



- Cyan (12%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 26.890, 26.409 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 71, 26.890, 26.409 by changing the saturation by 10% instead.

71, 26.890, 26.409

71, 26.890, 26.409

100, 26.890,
26.409

61, 26.890, 26.409

91, 26.890, 26.409

51, 26.890, 26.409

41, 26.890, 26.409

31, 26.890, 26.409

21, 26.890, 26.409

11, 26.890, 26.409

1, 26.890, 26.409

0, 26.890, 26.409

71, 26.890, 26.409

71, 26.890, 26.409

66, 36.838, 27.557

77, 17.597, 25.557

61, 47.353, 29.072

82, 8.989, 24.902

56, 58.245, 31.037

88, 1.042, 23.934

53, 69.202, 33.485

94, 6.291, 204.280

50, 79.684, 36.279

98, 10.771,
198.787

48, 88.571, 38.874

47, 93.816, 40.484

Harmonies

Complementary

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



71, 26.890, 26.409



83, 21.518, 203.648

Rectangle

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



71, 26.890, 26.409



71, 26.890, 76.409



71, 26.890, 206.409



71, 26.890, 256.409

Sweetspot

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



71, 26.888, 26.414



94, 7.852, 24.766



72, 43.440, 327.565



49, 5.489, 24.852



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 26.888, 26.414



76, 37.268, 27.169



79, 24.245, 76.554



44, 4.473, 24.788



37, 78.328, 40.616



6, 24.549, 23.837

Inverse Universe

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



83, 21.518, 203.648



93, 28.176, 203.575



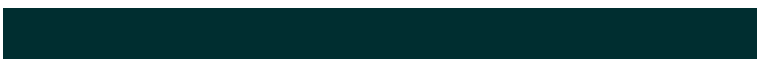
74, 22.820, 265.718



46, 4.208, 204.217



62, 35.210, 205.948



16, 14.621, 204.282

Previews

White Background



This preview shows how the CIELCh color 71, 26.890, 26.409 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 71, 26.890, 26.409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

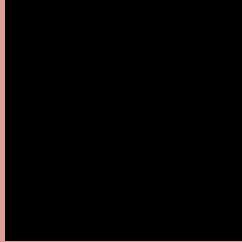
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 26.890, 26.409

Background



This preview shows how black text looks on a background with the CIELCh color 71, 26.890, 26.409.

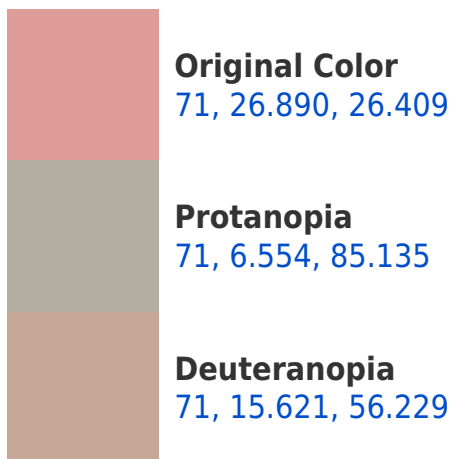


This preview shows how white text looks on a background with the CIELCh color 71, 26.890, 26.409.

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
71, 28.133, 8.936

Trichromacy



Original Color
71, 26.890, 26.409

Protanomaly
71, 12.292, 40.912

Deuteranomaly
71, 19.048, 40.660

Tritanomaly
71, 27.145, 15.208

Monochromacy



Original Color
71, 26.890, 26.409

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 9.302, 23.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 26.890, 26.409 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(223, 157, 153)` looks like.

```
.text, #text, p{  
    color:rgb(223, 157, 153)  
}
```

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(223, 157, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 157, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 26.890, 26.409 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(223, 157, 153) }
```

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

```
.border{ border-color:rgb(223, 157, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 157, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 157, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 157, 153);  
box-shadow:4px 4px 4px 4px rgb(223, 157,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 26.890, 26.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 157, 153) }
```

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

```
.background{ background-color: rgb(223,  
157, 153) }
```

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