

Converting Colors

CIELCh(70, 26.695, 21.935)

Have a look what the booklet for
CIELCh(70, 26.695, 21.935) contains.

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Color

CIELCh(70, 26.623, 21.917)

Conversions

Conversions Part 1

Format	Color
Hex	DC9A9A
RGB	220, 154, 154
RGB Percent	86%, 60%, 60%
CMY	0.1365, 0.3954, 0.3954
CMYK	0.00, 0.30, 0.30, 0.14
HSL	0°, 49%, 73%
HSV	0°, 30%, 86%
XYZ	47.0003, 40.7494, 36.0329
YIQ	173.7340, 39.3360, 13.9920

Conversions

Conversions Part 2

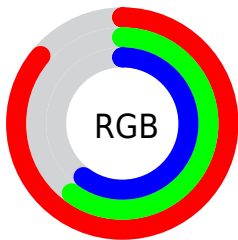
Format	Color
R _Y B	220, 154, 154
Decimal	14457498
CIE Lab	70.00, 24.70, 9.94
CIE LCh	70, 26.623, 21.917
Yxy	40.7494, 0.3797, 0.3292
Android (android.graphics.Color)	4292647578 (0xFFDC9A9A)
YUV	173.7340, -9.7289, 40.5753
Hunter-Lab	63.8353, 19.7133, 11.2175

Details

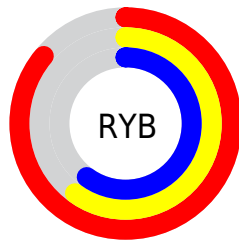
The CIELCh color **70, 26.623, 21.917** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **84, 21.677, 197.932**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.288, 22.374**, and **50, 26.557, 21.590** is the 20% darker color. If you saturate the color by 10%, you get **65, 36.782, 23.327**, and if you desaturate by 10%, it is **76, 17.076, 20.841**.

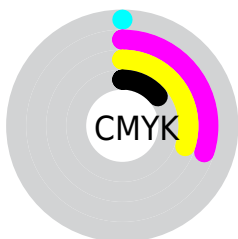
Distribution



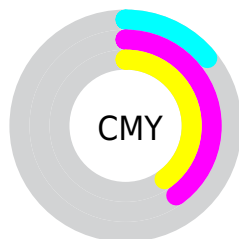
- Red (86%)
- Green (60%)
- Blue (60%)



- Red (86%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (14%)



- Cyan (14%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 26.623, 21.917 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, 26.623, 21.917 by changing the saturation by 10% instead.

70, 26.623, 21.917

70, 26.623, 21.917

100, 26.623,
21.917

60, 26.623, 21.917

90, 26.623, 21.917

50, 26.623, 21.917

40, 26.623, 21.917

30, 26.623, 21.917

20, 26.623, 21.917

10, 26.623, 21.917

0, 26.623, 21.917

70, 26.623, 21.917

70, 26.623, 21.917

65, 36.782, 23.327

76, 17.076, 20.841

■ 59, 47.424, 25.164

■ 82, 8.201, 19.982

■ 55, 58.304, 27.542

■ 88, 0.017, 237.768

■ 51, 69.074, 30.531

■ 94, 7.605, 198.997

■ 49, 79.231, 34.028

■ 98, 11.744,
198.721

■ 47, 87.832, 37.489

■ 46, 93.589, 39.996

■ 46, 93.599, 40.001

Harmonies

Complementary

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



70, 26.623, 21.917



84, 21.677, 197.932

Rectangle

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



70, 26.623, 21.917



70, 26.623, 71.917



70, 26.623, 201.917



70, 26.623, 251.917

Sweetspot

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



70, 26.621, 21.922



94, 8.299, 19.910



72, 42.495, 326.066



49, 5.801, 20.027



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, 26.621, 21.922



76, 36.839, 22.765



78, 22.236, 71.684



43, 4.639, 19.938



36, 78.234, 39.929



5, 23.839, 20.273

Inverse Universe

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



84, 21.677, 197.932



95, 28.559, 197.666



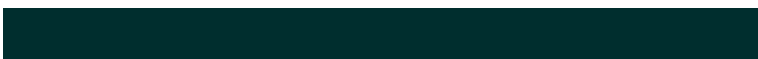
75, 20.464, 260.141



45, 4.370, 198.980



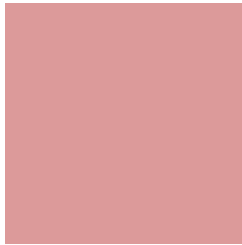
64, 37.527, 196.400



16, 15.072, 196.398

Previews

White Background



This preview shows how the CIELCh color 70, 26.623, 21.917 looks on a white background.

Color Contrast Check

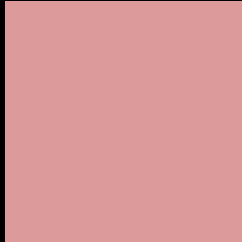
Large Text (above 18pt) WCAG AA × Fail

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, 26.623, 21.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

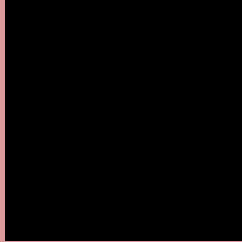
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 26.623, 21.917

Background



This preview shows how black text looks on a background with the CIELCh color 70, 26.623, 21.917.

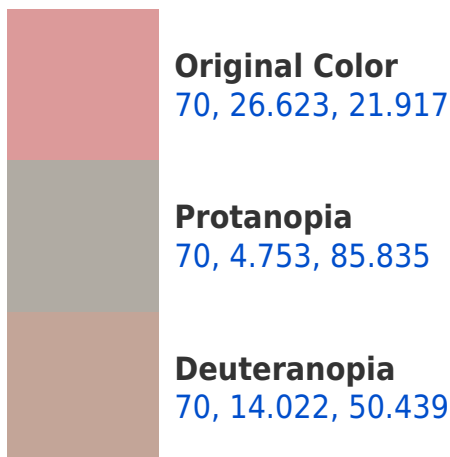


This preview shows how white text looks on a background with the CIELCh color 70, 26.623, 21.917.

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, 27.361, 9.616

Trichromacy



Original Color
70, 26.623, 21.917

Protanomaly
70, 10.974, 34.576

Deuteranomaly
70, 17.903, 34.836

Tritanomaly
70, 27.245, 14.130

Monochromacy



Original Color
70, 26.623, 21.917

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 9.288, 20.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 26.623, 21.917 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(220, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(220, 154, 154)  
}
```

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(220, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 154, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 26.623, 21.917 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(220, 154, 154) }
```

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

```
.border{ border-color:rgb(220, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(220, 154,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 26.623, 21.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 154, 154) }
```

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

```
.background{ background-color: rgb(220,  
154, 154) }
```

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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