

Converting Colors

CIELCh(70, 26.944, 11.051)

Have a look what the booklet for
CIELCh(70, 26.944, 11.051) contains.

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Color

CIELCh(70, 26.921, 10.525)

Conversions

Conversions Part 1

Format	Color
Hex	DC99A3
RGB	220, 153, 163
RGB Percent	86%, 60%, 64%
CMY	0.1364, 0.3992, 0.3600
CMYK	0.00, 0.30, 0.26, 0.14
HSL	351°, 49%, 73%
HSV	351°, 30%, 86%
XYZ	47.6340, 40.7494, 40.0995
YIQ	174.1730, 36.7220, 17.3140

Conversions

Conversions Part 2

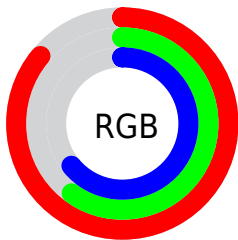
Format	Color
R _{YB}	220, 153, 163
Decimal	14457251
CIE Lab	70.00, 26.47, 4.92
CIE LCh	70, 26.921, 10.525
Yxy	40.7494, 0.3707, 0.3172
Android (android.graphics.Color)	4292647331 (0xFFDC99A3)
YUV	174.1730, -5.5083, 40.1903
Hunter-Lab	63.8353, 21.4854, 7.4404

Details

The CIELCh color **70, 26.921, 10.525** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83, 23.221, 184.569**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 18.083, 4.139**, and **50, 27.199, 10.940** is the 20% darker color. If you saturate the color by 10%, you get **65, 36.574, 12.161**, and if you desaturate by 10%, it is **76, 17.599, 9.202**.

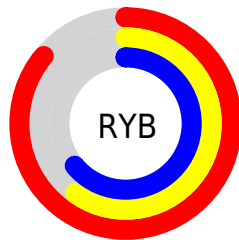
Distribution



Red (86%)

Green (60%)

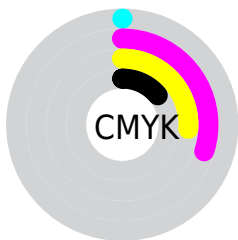
Blue (64%)



Red (86%)

Yellow (60%)

Blue (64%)

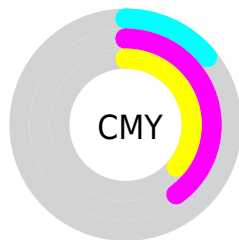


Cyan (0%)

Magenta (30%)

Yellow (26%)

Black (14%)



Cyan (14%)

Magenta (40%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 26.921, 10.525 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, 26.921, 10.525 by changing the saturation by 10% instead.

70, 26.921, 10.525

70, 26.921, 10.525

100, 26.921,
10.525

60, 26.921, 10.525

90, 26.921, 10.525

50, 26.921, 10.525

40, 26.921, 10.525

30, 26.921, 10.525

20, 26.921, 10.525

10, 26.921, 10.525

0, 26.921, 10.525

70, 26.921, 10.525

70, 26.921, 10.525

65, 36.574, 12.161

76, 17.599, 9.202

60, 46.360, 14.209

82, 8.728, 8.086

55, 55.980, 16.804

88, 0.352, 5.642

52, 65.077, 20.093

94, 7.527, 186.544

49, 73.337, 24.169

98, 11.732,
198.722

47, 80.581, 28.948

46, 86.595, 33.617

Harmonies

Complementary

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



70, 26.921, 10.525



83, 23.221, 184.569

Rectangle

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



70, 26.921, 10.525



70, 26.921, 60.525



70, 26.921, 190.525



70, 26.921, 240.525

Sweetspot

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



70, 26.919, 10.529



94, 8.449, 7.944



71, 41.525, 321.683



49, 5.897, 8.098



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, 26.919, 10.529



76, 37.458, 11.612



75, 21.906, 55.271



43, 4.720, 7.981



36, 71.796, 32.749



5, 23.721, 13.822

Inverse Universe

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



70, 26.919, 10.529



76, 37.458, 11.612



77, 18.607, 241.485



43, 4.720, 7.981



36, 71.796, 32.749



5, 23.721, 13.822

Previews

White Background



This preview shows how the CIELCh color 70, 26.921, 10.525 looks on a white background.

Color Contrast Check

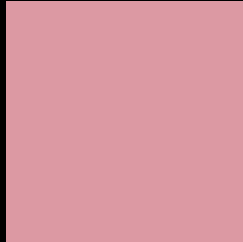
Large Text (above 18pt) WCAG AA × Fail

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, 26.921, 10.525 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, 26.921, 10.525

Background



This preview shows how black text looks on a background with the CIELCh color 70, 26.921, 10.525.



This preview shows how white text looks on a background with the CIELCh color 70, 26.921, 10.525.

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](#).

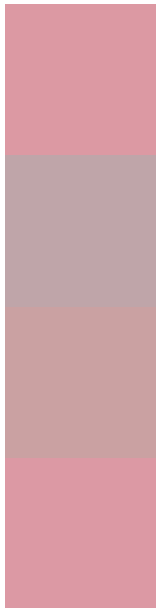
Dichromacy





Tritanopia
70, 27.031, 8.249

Trichromacy



Original Color
70, 26.921, 10.525

Protanomaly
70, 10.250, 8.047

Deuteranomaly
70, 16.155, 18.942

Tritanomaly
70, 26.970, 9.385

Monochromacy



Original Color
70, 26.921, 10.525

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 9.856, 7.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 26.921, 10.525 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, 153, 163)` looks like.

```
.text, #text, p{  
    color:rgb(220, 153, 163)  
}
```

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, 153, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 153, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 26.921, 10.525 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, 153, 163) }
```

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

```
.border{ border-color:rgb(220, 153, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 153, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 153, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 153, 163); box-shadow:4px 4px 4px 4px rgb(220, 153, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 26.921, 10.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 153, 163) }
```

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

```
.background{ background-color: rgb(220,  
153, 163) }
```

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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