

Converting Colors

CIELCh(70, 26.023, 17.167)

Have a look what the booklet for
CIELCh(70, 26.023, 17.167) contains.

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Color

CIELCh(70, 26.023, 17.167)

Conversions

Conversions Part 1

Format	Color
Hex	DB9A9E
RGB	219, 154, 158
RGB Percent	86%, 60%, 62%
CMY	0.1403, 0.3952, 0.3796
CMYK	0.00, 0.30, 0.28, 0.14
HSL	356°, 48%, 73%
HSV	356°, 30%, 86%
XYZ	47.0591, 40.7494, 37.8250
YIQ	173.8910, 37.4560, 15.0240

Conversions

Conversions Part 2

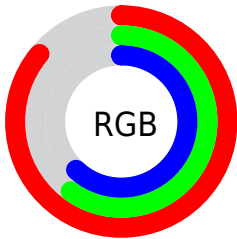
Format	Color
R _Y B	219, 154, 158
Decimal	14391966
CIE Lab	70.00, 24.86, 7.68
CIE LCh	70, 26.023, 17.167
Yxy	40.7494, 0.3746, 0.3244
Android (android.graphics.Color)	4292582046 (0xFFDB9A9E)
YUV	173.8910, -7.8343, 39.5606
Hunter-Lab	63.8353, 19.8777, 9.5529

Details

The CIELCh color **70, 26.023, 17.167** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83, 21.756, 192.292**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.239, 13.800**, and **50, 26.315, 16.633** is the 20% darker color. If you saturate the color by 10%, you get **65, 35.869, 18.688**, and if you desaturate by 10%, it is **76, 16.676, 15.970**.

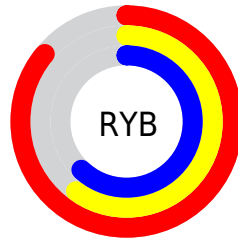
Distribution



Red (86%)

Green (60%)

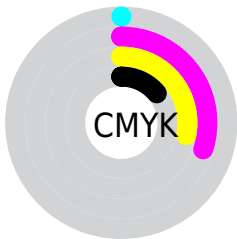
Blue (62%)



Red (86%)

Yellow (60%)

Blue (62%)

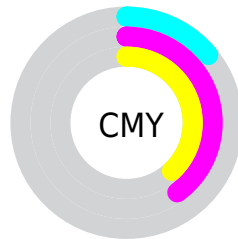


Cyan (0%)

Magenta (30%)

Yellow (28%)

Black (14%)



Cyan (14%)

Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 26.023, 17.167 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, 26.023, 17.167 by changing the saturation by 10% instead.

70, 26.023, 17.167

70, 26.023, 17.167

100, 26.023,
17.167

60, 26.023, 17.167

90, 26.023, 17.167

50, 26.023, 17.167

40, 26.023, 17.167

30, 26.023, 17.167

20, 26.023, 17.167

10, 26.023, 17.167

0, 26.023, 17.167

70, 26.023, 17.167

70, 26.023, 17.167

65, 35.869, 18.688

76, 16.676, 15.970

60, 46.065, 20.629

82, 7.908, 14.983

55, 56.354, 23.117

88, 0.270, 196.443

51, 66.405, 26.264

94, 7.883, 193.730

49, 75.847, 30.077

98, 12.054,
198.701

47, 84.213, 34.274

46, 90.643, 37.903

46, 90.825, 37.991

Harmonies

Complementary

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



70, 26.023, 17.167



83, 21.756, 192.292

Rectangle

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



70, 26.023, 17.167



70, 26.023, 67.167



70, 26.023, 197.167



70, 26.023, 247.167

Sweetspot

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



70, 26.021, 17.172



94, 8.316, 14.929



71, 41.165, 324.125



49, 5.809, 15.066



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, 26.021, 17.172



76, 36.456, 18.139



77, 21.370, 64.585



43, 4.647, 14.962



36, 75.697, 37.421



5, 23.758, 17.619

Inverse Universe

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



70, 26.021, 17.172



76, 36.456, 18.139



76, 19.009, 252.227



43, 4.647, 14.962



36, 75.697, 37.421



5, 23.758, 17.619

Previews

White Background



This preview shows how the CIELCh color 70, 26.023, 17.167 looks on a white background.

Color Contrast Check

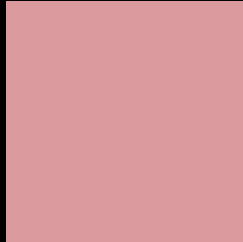
Large Text (above 18pt) WCAG AA × Fail

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, 26.023, 17.167 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, 26.023, 17.167

Background



This preview shows how black text looks on a background with the CIELCh color 70, 26.023, 17.167.



This preview shows how white text looks on a background with the CIELCh color 70, 26.023, 17.167.

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



Original Color

70, 26.023, 17.167

Protanopia

70, 2.646, 74.749

Deuteranopia

70, 12.557, 43.162



Tritanopia
70, 27.031, 8.249

Trichromacy



Original Color
70, 26.023, 17.167

Protanomaly
70, 10.141, 23.322

Deuteranomaly
70, 16.908, 28.210

Tritanomaly
70, 26.921, 10.525

Monochromacy



Original Color
70, 26.023, 17.167

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 8.891, 16.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 26.023, 17.167 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(219, 154, 158)` looks like.

```
.text, #text, p{  
    color:rgb(219, 154, 158)  
}
```

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(219, 154, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 154, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 26.023, 17.167 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(219, 154, 158) }
```

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

```
.border{ border-color:rgb(219, 154, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 154, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 154, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 154, 158);  
box-shadow:4px 4px 4px 4px rgb(219, 154,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 26.023, 17.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 154, 158) }
```

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

```
.background{ background-color: rgb(219,  
154, 158) }
```

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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