

Converting Colors

CIELCh(70, 42.697, 326.109)

Have a look what the booklet for
CIELCh(70, 42.697, 326.109)
contains.

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Color

CIELCh(70, 42.662, 326.102)

Conversions

Conversions Part 1

Format	Color
Hex	D795D7
RGB	215, 149, 215
RGB Percent	84%, 58%, 84%
CMY	0.1576, 0.4164, 0.1576
CMYK	0.00, 0.31, 0.00, 0.16
HSL	300°, 45%, 71%
HSV	300°, 31%, 84%
XYZ	50.9247, 40.7494, 69.3392
YIQ	176.2580, 18.1500, 34.5180

Conversions

Conversions Part 2

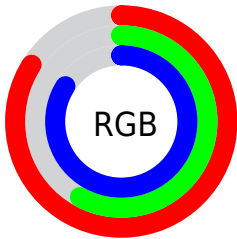
Format	Color
R _Y B	215, 149, 215
Decimal	14128599
CIE Lab	70.00, 35.41, -23.79
CIE LCh	70, 42.662, 326.102
Yxy	40.7494, 0.3163, 0.2531
Android (android.graphics.Color)	4292318679 (0xFFD795D7)
YUV	176.2580, 19.0998, 33.9767
Hunter-Lab	63.8353, 30.6871, -19.7174

Details

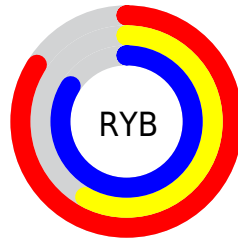
The CIELCh color $70, 42.662, 326.102$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 42.671, 142.279$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 31.983, 325.537$, and $50, 42.584, 326.041$ is the 20% darker color. If you saturate the color by 10%, you get $65, 56.029, 326.609$, and if you desaturate by 10%, it is $75, 28.829, 325.565$.

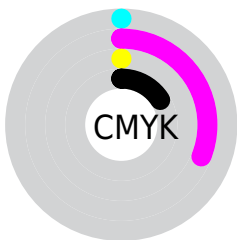
Distribution



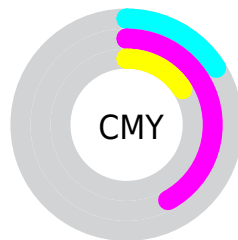
- Red (84%)
- Green (58%)
- Blue (84%)



- Red (84%)
- Yellow (58%)
- Blue (84%)



- Cyan (0%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 42.662, 326.102 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, 42.662, 326.102 by changing the saturation by 10% instead.


 70, 42.662,
326.102


 70, 42.662,
326.102


 100, 42.662,
326.102


 60, 42.662,
326.102


 90, 42.662,
326.102

 50, 42.662,
326.102

 40, 42.662,
326.102

 30, 42.662,
326.102

 20, 42.662,
326.102

 10, 42.662,
326.102

 0, 42.662, 326.102

70, 42.662,
326.102

70, 42.662,
326.102

65, 56.029,
326.609

75, 28.829,
325.565

61, 68.508,
327.072

80, 14.866,
325.010

58, 79.582,
327.471

86, 0.998, 324.209

55, 88.714,
327.793

91, 12.622,
143.965

53, 95.460,
328.026

96, 25.158,
143.463

52, 99.616,
328.167

96, 25.158,
143.463

51, 101.534,
328.232

96, 25.158,
143.462

96, 25.158,
143.462

■ 96, 25.158,
143.462

Harmonies

Complementary

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



70, 42.662, 326.102



80, 42.671, 142.279

Rectangle

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



70, 42.662, 326.102



70, 42.662, 16.102



70, 42.662, 146.102



70, 42.662, 196.102

Sweetspot

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



70, 42.660, 326.102



94, 14.333, 324.917



64, 36.193, 293.360



50, 9.968, 325.001



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, 42.660, 326.102



78, 58.750, 326.443



69, 30.836, 345.582



42, 7.847, 324.936



41, 85.606, 328.232



6, 32.951, 328.042

Inverse Universe

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



68, 26.804, 21.999



76, 37.998, 22.906



81, 29.786, 159.926



42, 4.550, 19.927



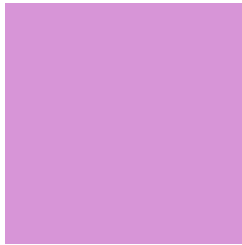
35, 77.348, 39.898



5, 22.000, 19.766

Previews

White Background



This preview shows how the CIELCh color 70, 42.662, 326.102 looks on a white background.

Color Contrast Check

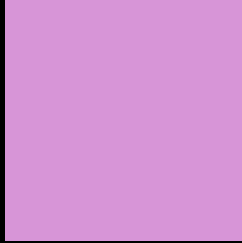
Large Text (above 18pt) WCAG AA × Fail

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, 42.662, 326.102 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, 42.662, 326.102

Background



This preview shows how black text looks on a background with the CIELCh color 70, 42.662, 326.102.



This preview shows how white text looks on a background with the CIELCh color 70, 42.662, 326.102.

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, 42.662, 326.102

Protanopia

70, 33.567, 285.375

Deuteranopia

70, 23.571, 292.484



Tritanopia
70, 20.780, 3.185

Trichromacy



Original Color
70, 42.662, 326.102



Protanomaly
70, 34.458, 301.140



Deuteranomaly
70, 29.318, 309.221

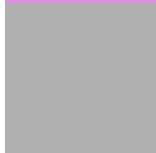


Tritanomaly
70, 26.840, 343.140

Monochromacy



Original Color
70, 42.662, 326.102



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 15.869, 325.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 42.662, 326.102 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(215, 149, 215)` looks like.

```
.text, #text, p{  
    color:rgb(215, 149, 215)  
}
```

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(215, 149, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 149, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 42.662, 326.102 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(215, 149, 215) }
```

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

```
.border{ border-color:rgb(215, 149, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 149, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 149, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 149, 215);  
box-shadow:4px 4px 4px 4px rgb(215, 149,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 42.662, 326.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 149, 215) }
```

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

```
.background{ background-color: rgb(215,  
149, 215) }
```

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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