

Converting Colors

CIELCh(70, 42.105, 326.090)

Have a look what the booklet for
CIELCh(70, 42.105, 326.090)
contains.

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Color

CIELCh(70, 42.060, 326.084)

Conversions

Conversions Part 1

Format	Color
Hex	D695D6
RGB	214, 149, 214
RGB Percent	84%, 58%, 84%
CMY	0.1600, 0.4149, 0.1600
CMYK	0.00, 0.30, 0.00, 0.16
HSL	300°, 44%, 71%
HSV	300°, 30%, 84%
XYZ	50.7342, 40.7494, 68.9474
YIQ	175.8450, 17.8750, 33.9950

Conversions

Conversions Part 2

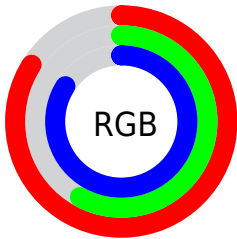
Format	Color
R _Y B	214, 149, 214
Decimal	14063062
CIE Lab	70.00, 34.90, -23.47
CIE LCh	70, 42.060, 326.084
Yxy	40.7494, 0.3162, 0.2540
Android (android.graphics.Color)	4292253142 (0xFFD695D6)
YUV	175.8450, 18.8104, 33.4619
Hunter-Lab	63.8353, 30.1544, -19.3534

Details

The CIELCh color `70, 42.060, 326.084` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `80, 42.067, 142.314`, 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, 41.972, 326.014` is the 20% darker color. If you saturate the color by 10%, you get `65, 55.421, 326.593`, and if you desaturate by 10%, it is `75, 28.249, 325.547`.

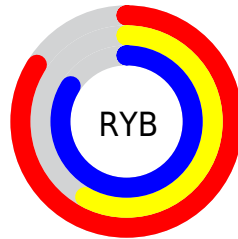
Distribution



Red (84%)

Green (58%)

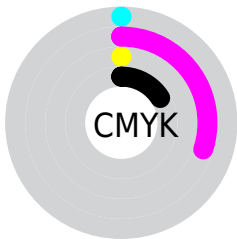
Blue (84%)



Red (84%)

Yellow (58%)

Blue (84%)

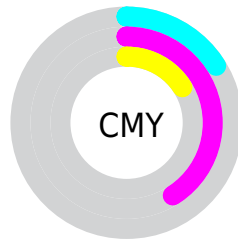


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (16%)



Cyan (16%)


Magenta (41%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 42.060, 326.084 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, 42.060, 326.084 by changing the saturation by 10% instead.


 70, 42.060,
326.084


 70, 42.060,
326.084


 100, 42.060,
326.084

 60, 42.060,
326.084


 90, 42.060,
326.084

 50, 42.060,
326.084

 40, 42.060,
326.084

 30, 42.060,
326.084

 20, 42.060,
326.084

 10, 42.060,
326.084

 0, 42.060, 326.084

70, 42.060,
326.084

70, 42.060,
326.084

65, 55.421,
326.593

75, 28.249,
325.547

61, 67.914,
327.057

80, 14.317,
324.991

58, 79.026,
327.459

86, 0.487, 323.905

55, 88.220,
327.784

91, 13.091,
143.947

53, 95.048,
328.021

96, 25.533,
143.448


52, 99.292,
328.165

96, 25.533,
143.448

51, 101.319,
328.234

96, 25.532,
143.449

96, 25.532,
143.449

 96, 25.532,
143.450

Harmonies

Complementary

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



70, 42.060, 326.084



80, 42.067, 142.314

Rectangle

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



70, 42.060, 326.084



70, 42.060, 16.084



70, 42.060, 146.084



70, 42.060, 196.084

Sweetspot

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



70, 42.058, 326.084



94, 14.332, 324.919



64, 36.293, 293.929



50, 9.967, 325.002



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, 42.058, 326.084



79, 57.219, 326.394



69, 30.089, 346.483



42, 7.847, 324.938



41, 85.603, 328.234



6, 32.950, 328.044

Inverse Universe

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



70, 42.058, 326.084



79, 57.219, 326.394



81, 28.986, 160.825



42, 7.847, 324.938



41, 85.603, 328.234



6, 32.950, 328.044

Previews

White Background



This preview shows how the CIELCh color 70, 42.060, 326.084 looks on a white background.

Color Contrast Check

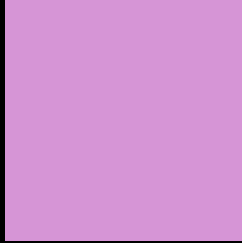
Large Text (above 18pt) WCAG AA × Fail

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, 42.060, 326.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

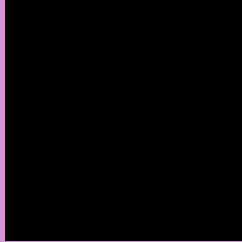
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 42.060, 326.084

Background



This preview shows how black text looks on a background with the CIELCh color 70, 42.060, 326.084.

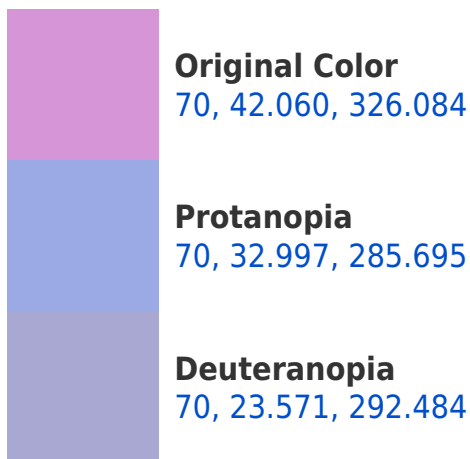


This preview shows how white text looks on a background with the CIELCh color 70, 42.060, 326.084.

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, 20.406, 2.791

Trichromacy



Original Color
70, 42.060, 326.084



Protanomaly
70, 34.502, 301.689



Deuteranomaly
70, 29.318, 309.221

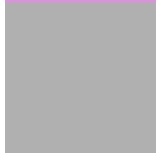


Tritanomaly
70, 26.553, 342.580

Monochromacy



Original Color
70, 42.060, 326.084



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, 42.060, 326.084 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(214, 149, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 149, 214)  
}
```

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(214, 149, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 149, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 42.060, 326.084 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(214, 149, 214) }
```

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

```
.border{ border-color:rgb(214, 149, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 149, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 149, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 149, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 149,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 42.060, 326.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 149, 214) }
```

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

```
.background{ background-color: rgb(214,  
149, 214) }
```

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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