

Converting Colors

CIELCh(70, 46.611, 324.913)

Have a look what the booklet for
CIELCh(70, 46.611, 324.913)
contains.

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Color

CIELCh(70, 46.427, 325.044)

Conversions

Conversions Part 1

Format	Color
Hex	D993DC
RGB	217, 147, 220
RGB Percent	85%, 58%, 86%
CMY	0.1493, 0.4238, 0.1375
CMYK	0.01, 0.33, 0.00, 0.14
HSL	298°, 51%, 72%
HSV	298°, 33%, 86%
XYZ	51.9245, 40.7494, 72.7883
YIQ	176.2520, 18.2870, 37.5430

Conversions

Conversions Part 2

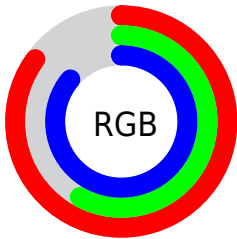
Format	Color
R_{YB}	217, 147, 220
Decimal	14259164
CIE Lab	70.00, 38.05, -26.60
CIE LCh	70, 46.427, 325.044
Yxy	40.7494, 0.3138, 0.2463
Android (android.graphics.Color)	4292449244 (0xFFD993DC)
YUV	176.2520, 21.5678, 35.7360
Hunter-Lab	63.8353, 33.4828, -22.9208

Details

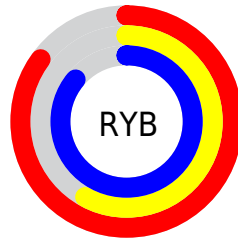
The CIELCh color `70, 46.427, 325.044` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `82, 46.333, 141.098`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `87, 33.240, 325.581`, and `50, 46.454, 324.965` is the 20% darker color. If you saturate the color by 10%, you get `65, 59.828, 325.514`, and if you desaturate by 10%, it is `75, 32.514, 324.539`.

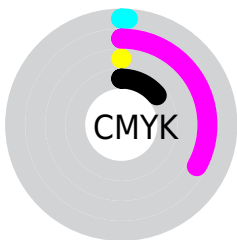
Distribution



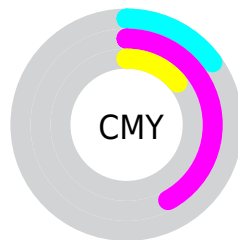
- Red (85%)
- Green (58%)
- Blue (86%)



- Red (85%)
- Yellow (58%)
- Blue (86%)



- Cyan (1%)
- Magenta (33%)
- Yellow (0%)
- Black (14%)





- Cyan (15%)
- Magenta (42%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 46.427, 325.044 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, 46.427, 325.044 by changing the saturation by 10% instead.


 70, 46.427,
325.044


 70, 46.427,
325.044


 100, 46.427,
325.044


 60, 46.427,
325.044


 90, 46.427,
325.044

 50, 46.427,
325.044

 40, 46.427,
325.044

 30, 46.427,
325.044

 20, 46.427,
325.044

 10, 46.427,
325.044

 0, 46.427, 325.044

70, 46.427,
325.044

70, 46.427,
325.044

65, 59.828,
325.514

75, 32.514,
324.539

61, 72.273,
325.929

80, 18.436,
324.014

57, 83.221,
326.268

86, 4.433, 323.447

55, 92.115,
326.509

92, 9.340, 143.023

52, 98.505,
326.637

97, 21.623,
142.494


51, 102.217,
326.646

97, 21.442,
141.815

51, 103.564,
326.599

97, 21.265,
141.123

97, 21.090,
140.417

 97, 20.918,
139.698

Harmonies

Complementary

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



70, 46.427, 325.044



82, 46.333, 141.098

Rectangle

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



70, 46.427, 325.044



70, 46.427, 15.044



70, 46.427, 145.044



70, 46.427, 195.044

Sweetspot

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



70, 46.425, 325.044



94, 15.733, 323.847



64, 38.627, 292.454



49, 10.743, 323.924



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, 46.425, 325.044



76, 62.704, 325.384



69, 34.668, 344.021



43, 7.900, 323.812



40, 86.726, 326.624



7, 34.413, 326.765

Inverse Universe

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



68, 29.591, 19.217



74, 41.121, 20.331



82, 33.615, 157.997



43, 4.641, 16.603



36, 76.485, 38.235



5, 23.780, 18.497

Previews

White Background



This preview shows how the CIELCh color 70, 46.427, 325.044 looks on a white background.

Color Contrast Check

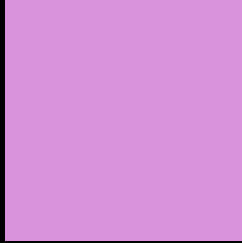
Large Text (above 18pt) WCAG AA × Fail

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, 46.427, 325.044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

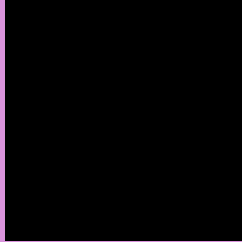
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 46.427, 325.044

Background



This preview shows how black text looks on a background with the CIELCh color 70, 46.427, 325.044.



This preview shows how white text looks on a background with the CIELCh color 70, 46.427, 325.044.

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, 21.556, 3.953

Trichromacy



Original Color
70, 46.427, 325.044



Protanomaly
70, 38.804, 300.531



Deuteranomaly
70, 32.480, 307.675



Tritanomaly
70, 29.278, 341.762

Monochromacy



Original Color
70, 46.427, 325.044



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 17.631, 324.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 46.427, 325.044 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(217, 147, 220)` looks like.

```
.text, #text, p{  
    color:rgb(217, 147, 220)  
}
```

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(217, 147, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 147, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 46.427, 325.044 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(217, 147, 220) }
```

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

```
.border{ border-color:rgb(217, 147, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 147, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 147, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 147, 220);  
box-shadow:4px 4px 4px 4px rgb(217, 147,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 46.427, 325.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 147, 220) }
```

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

```
.background{ background-color: rgb(217,  
147, 220) }
```

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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