

Converting Colors

CIELCh(70, 48.591, 325.916)

Have a look what the booklet for
CIELCh(70, 48.591, 325.916)
contains.

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Color

CIELCh(70, 48.591, 325.916)

Conversions

Conversions Part 1

Format	Color
Hex	DC91DD
RGB	220, 145, 221
RGB Percent	86%, 57%, 87%
CMY	0.1368, 0.4309, 0.1328
CMYK	0.00, 0.34, 0.00, 0.13
HSL	299°, 53%, 72%
HSV	299°, 34%, 87%
XYZ	52.7647, 40.7494, 73.5785
YIQ	176.0890, 20.3040, 39.5360

Conversions

Conversions Part 2

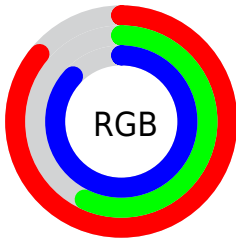
Format	Color
R _Y B	220, 145, 221
Decimal	14455261
CIE Lab	70.00, 40.24, -27.23
CIE LCh	70, 48.591, 325.916
Yxy	40.7494, 0.3158, 0.2439
Android (android.graphics.Color)	4292645341 (0xFFDC91DD)
YUV	176.0890, 22.1411, 38.5099
Hunter-Lab	63.8353, 35.8320, -23.6548

Details

The CIELCh color $70, 48.591, 325.916$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $82, 48.589, 141.643$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 34.496, 325.624$, and $50, 48.597, 325.919$ is the 20% darker color. If you saturate the color by 10%, you get $65, 61.983, 326.400$, and if you desaturate by 10%, it is $75, 34.591, 325.397$.

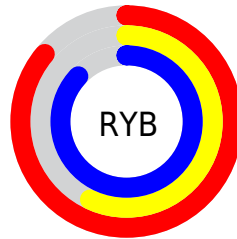
Distribution



Red (86%)

Green (57%)

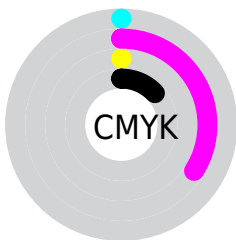
Blue (87%)



Red (86%)

Yellow (57%)

Blue (87%)

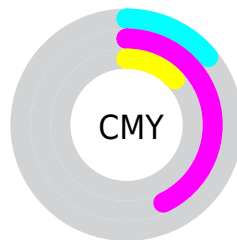


Cyan (0%)

Magenta (34%)

Yellow (0%)

Black (13%)



Cyan (14%)


Magenta (43%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 48.591, 325.916 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, 48.591, 325.916 by changing the saturation by 10% instead.


 70, 48.591,
325.916


 70, 48.591,
325.916


 100, 48.591,
325.916


 60, 48.591,
325.916


 90, 48.591,
325.916

 50, 48.591,
325.916

 40, 48.591,
325.916

 30, 48.591,
325.916

 20, 48.591,
325.916

 10, 48.591,
325.916

 0, 48.591, 325.916

70, 48.591,
325.916

70, 48.591,
325.916

65, 61.983,
326.400

75, 34.591,
325.397

61, 74.301,
326.830

80, 20.359,
324.855

58, 84.993,
327.187

86, 6.158, 324.284

55, 93.520,
327.457

91, 7.833, 143.830

53, 99.486,
327.627

97, 21.085,
143.299

52, 102.796,
327.698

97, 21.026,
143.079

52, 103.829,
327.707

97, 20.967,
142.857

97, 20.908,
142.635

■ 97, 20.850,
142.411

Harmonies

Complementary

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



70, 48.591, 325.916



82, 48.589, 141.643

Rectangle

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



70, 48.591, 325.916



70, 48.591, 15.916



70, 48.591, 145.916



70, 48.591, 195.916

Sweetspot

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



70, 48.588, 325.916



94, 15.869, 324.618



63, 41.788, 293.967



49, 10.835, 324.697



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, 48.588, 325.916



76, 64.590, 326.257



69, 35.334, 345.998



43, 7.968, 324.581



41, 86.596, 327.716



7, 34.515, 327.725

Inverse Universe

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



68, 31.040, 21.503



73, 42.539, 22.579



82, 34.007, 159.507



43, 4.638, 18.868



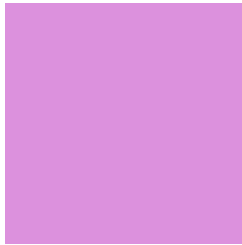
36, 77.666, 39.393



5, 23.819, 19.703

Previews

White Background



This preview shows how the CIELCh color 70, 48.591, 325.916 looks on a white background.

Color Contrast Check

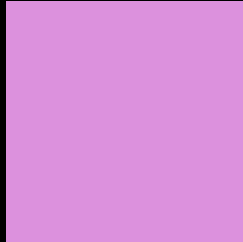
Large Text (above 18pt) WCAG AA × Fail

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, 48.591, 325.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

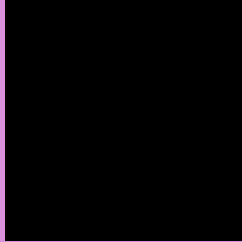
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 48.591, 325.916

Background



This preview shows how black text looks on a background with the CIELCh color 70, 48.591, 325.916.



This preview shows how white text looks on a background with the CIELCh color 70, 48.591, 325.916.

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, 23.098, 5.346

Trichromacy



Original Color
70, 48.591, 325.916



Protanomaly
70, 40.532, 301.275



Deuteranomaly
70, 33.529, 307.234



Tritanomaly
70, 30.435, 343.811

Monochromacy



Original Color
70, 48.591, 325.916



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 17.829, 325.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 48.591, 325.916 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, 145, 221)` looks like.

```
.text, #text, p{  
    color:rgb(220, 145, 221)  
}
```

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, 145, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 145, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 48.591, 325.916 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, 145, 221) }
```

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

```
.border{ border-color:rgb(220, 145, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 145, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 145, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 145, 221);  
box-shadow:4px 4px 4px 4px rgb(220, 145,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 48.591, 325.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 145, 221) }
```

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

```
.background{ background-color: rgb(220,  
145, 221) }
```

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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