

Converting Colors

CIELCh(69, 46.906, 331.029)

Have a look what the booklet for
CIELCh(69, 46.906, 331.029)
contains.

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Color

CIELCh(69, 46.885, 331.023)

Conversions

Conversions Part 1

Format	Color
Hex	DE8DD2
RGB	222, 141, 210
RGB Percent	87%, 55%, 82%
CMY	0.1285, 0.4462, 0.1756
CMYK	0.00, 0.36, 0.05, 0.13
HSL	309°, 55%, 71%
HSV	309°, 36%, 87%
XYZ	51.4133, 39.3444, 66.0049
YIQ	173.0850, 26.1270, 38.6310

Conversions

Conversions Part 2

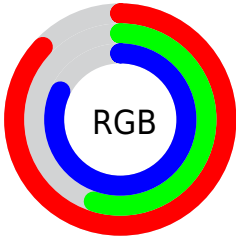
Format	Color
R _Y B	222, 141, 210
Decimal	14585298
CIE Lab	69.00, 41.02, -22.71
CIE LCh	69, 46.885, 331.023
Yxy	39.3444, 0.3280, 0.2510
Android (android.graphics.Color)	4292775378 (0xFFDE8DD2)
YUV	173.0850, 18.1991, 42.8985
Hunter-Lab	62.7251, 36.5405, -18.4826

Details

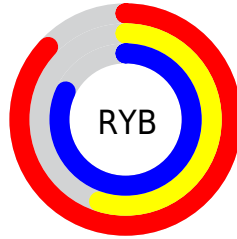
The CIELCh color $69, 46.885, 331.023$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $82, 46.828, 145.929$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 37.005, 325.710$, and $49, 46.490, 330.985$ is the 20% darker color. If you saturate the color by 10%, you get $64, 58.933, 331.660$, and if you desaturate by 10%, it is $74, 34.194, 330.389$.

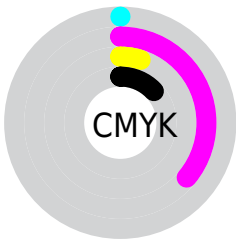
Distribution



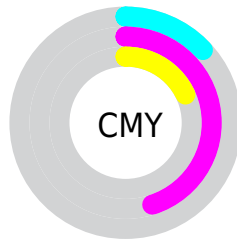
- Red (87%)
- Green (55%)
- Blue (82%)



- Red (87%)
- Yellow (55%)
- Blue (82%)



- Cyan (0%)
- Magenta (36%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (45%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 46.885, 331.023 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 69, 46.885, 331.023 by changing the saturation by 10% instead.

 69, 46.885,
331.023


 69, 46.885,
331.023

 100, 46.885,
331.023


 59, 46.885,
331.023


 89, 46.885,
331.023

 49, 46.885,
331.023

 99, 46.885,
331.023

 39, 46.885,
331.023

 29, 46.885,
331.023

 19, 46.885,
331.023

 9, 46.885, 331.023

 0, 46.885, 331.023

69, 46.885,
331.023

69, 46.885,
331.023

64, 58.933,
331.660

74, 34.194,
330.389

60, 69.864,
332.299

79, 21.240,
329.762

57, 79.118,
332.939

85, 8.285, 329.130

54, 86.150,
333.589

91, 4.496, 148.651

52, 90.575,
334.266

96, 16.996,
148.032


51, 92.357,
334.995

97, 17.322,
150.976

51, 92.636,
335.263

97, 16.078,
154.892

97, 14.914,
159.423

 97, 13.852,
164.666

Harmonies

Complementary

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



69, 46.885, 331.023



82, 46.828, 145.929

Rectangle

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



69, 46.885, 331.023



69, 46.885, 21.023



69, 46.885, 151.023



69, 46.885, 201.023

Sweetspot

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



69, 46.882, 331.023



93, 15.834, 329.426



63, 45.626, 299.062



49, 10.647, 329.511



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 46.882, 331.023



74, 62.642, 331.526



68, 34.818, 355.612



44, 7.361, 329.323



40, 77.947, 335.137



7, 32.502, 333.842

Inverse Universe

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



69, 46.882, 331.023



74, 62.642, 331.526



83, 32.030, 167.789



44, 7.361, 329.323



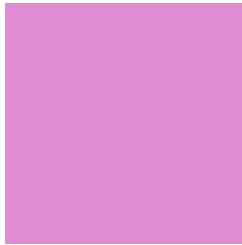
40, 77.947, 335.137



7, 32.502, 333.842

Previews

White Background



This preview shows how the CIELCh color 69, 46.885, 331.023 looks on a white background.

Color Contrast Check

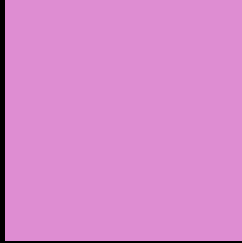
Large Text (above 18pt) WCAG AA × Fail

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 69, 46.885, 331.023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

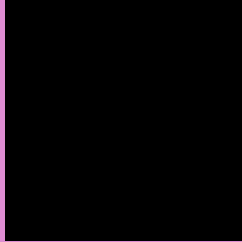
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 46.885, 331.023

Background



This preview shows how black text looks on a background with the CIELCh color 69, 46.885, 331.023.

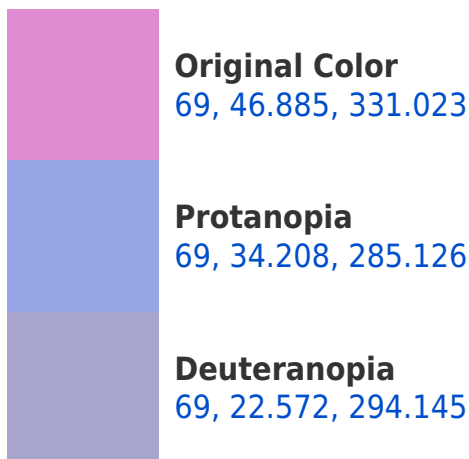


This preview shows how white text looks on a background with the CIELCh color 69, 46.885, 331.023.

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
69, 26.250, 8.942

Trichromacy



Original Color
69, 46.885, 331.023



Protanomaly
69, 35.924, 303.649



Deuteranomaly
69, 30.718, 313.447



Tritanomaly
69, 32.113, 348.811

Monochromacy



Original Color
69, 46.885, 331.023



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 18.108, 329.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 46.885, 331.023 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(222, 141, 210)` looks like.

```
.text, #text, p{  
    color:rgb(222, 141, 210)  
}
```

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(222, 141, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 141, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 46.885, 331.023 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(222, 141, 210) }
```

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

```
.border{ border-color:rgb(222, 141, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 141, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 141, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 141, 210);  
box-shadow:4px 4px 4px 4px rgb(222, 141,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 46.885, 331.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 141, 210) }
```

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

```
.background{ background-color: rgb(222,  
141, 210) }
```

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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