

Converting Colors

CIELCh(66, 44.293, 329.131)

Have a look what the booklet for
CIELCh(66, 44.293, 329.131)
contains.

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Color

CIELCh(66, 44.348, 329.172)

Conversions

Conversions Part 1

Format	Color
Hex	D188CA
RGB	209, 136, 202
RGB Percent	82%, 53%, 79%
CMY	0.1813, 0.4675, 0.2087
CMYK	0.00, 0.35, 0.03, 0.18
HSL	306°, 44%, 68%
HSV	306°, 35%, 82%
XYZ	45.6378, 35.3238, 60.1511
YIQ	165.3510, 22.3220, 36.0020

Conversions

Conversions Part 2

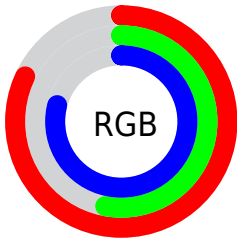
Format	Color
RYB	209, 136, 202
Decimal	13732042
CIELab	66.00, 38.08, -22.73
CIElCh	66, 44.348, 329.172
Yxy	35.3238, 0.3234, 0.2503
Android (android.graphics.Color)	4291922122 (0xFFD188CA)
YUV	165.3510, 18.0680, 38.2802
Hunter-Lab	59.4338, 33.0566, -18.4018

Details

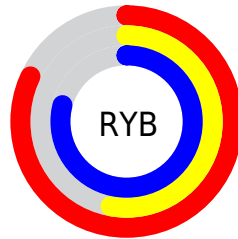
The CIELCh color $66, 44.348, 329.172$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 44.345, 144.518$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 40.756, 325.838$, and $46, 44.629, 328.942$ is the 20% darker color. If you saturate the color by 10%, you get $62, 56.331, 329.747$, and if you desaturate by 10%, it is $71, 31.794, 328.585$.

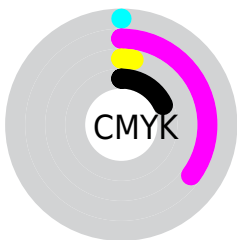
Distribution



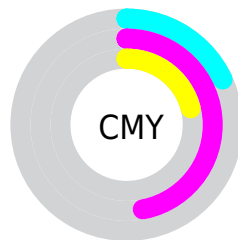
- Red (82%)
- Green (53%)
- Blue (79%)



- Red (82%)
- Yellow (53%)
- Blue (79%)



- Cyan (0%)
- Magenta (35%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (47%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 44.348, 329.172 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 66, 44.348, 329.172 by changing the saturation by 10% instead.

 66, 44.348,
329.172

 66, 44.348,
329.172

 100, 44.348,
329.172

 56, 44.348,
329.172


 86, 44.348,
329.172

 46, 44.348,
329.172

 96, 44.348,
329.172

 36, 44.348,
329.172

 26, 44.348,
329.172

 16, 44.348,
329.172

 6, 44.348, 329.172

 0, 44.348, 329.172

66, 44.348,
329.172

66, 44.348,
329.172

62, 56.331,
329.747

71, 31.794,
328.585

58, 67.305,
330.302

76, 19.021,
327.994

54, 76.749,
330.830

81, 6.269, 327.384

52, 84.144,
331.329

86, 6.300, 146.911

50, 89.104,
331.802

92, 18.585,
146.335


49, 91.531,
332.263

96, 26.866,
146.330

48, 92.132,
332.495

96, 26.049,
147.672

96, 25.246,
149.096

 96, 24.456,
150.609

Harmonies

Complementary

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



66, 44.348, 329.172



78, 44.345, 144.518

Rectangle

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



66, 44.348, 329.172



66, 44.348, 19.172



66, 44.348, 149.172



66, 44.348, 199.172

Sweetspot

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



66, 44.346, 329.172



94, 14.922, 327.705



60, 41.389, 297.268



49, 10.189, 327.790



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 44.346, 329.172



75, 62.145, 329.607



65, 32.461, 352.091



41, 7.204, 327.662



39, 78.569, 332.425



5, 28.912, 331.179

Inverse Universe

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



66, 44.346, 329.172



75, 62.145, 329.607



78, 30.451, 164.922



41, 7.204, 327.662



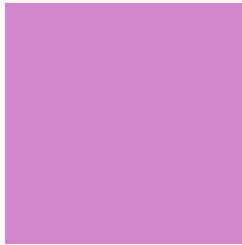
39, 78.569, 332.425



5, 28.912, 331.179

Previews

White Background



This preview shows how the CIELCh color 66, 44.348, 329.172 looks on a white background.

Color Contrast Check

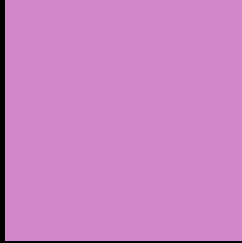
Large Text (above 18pt) WCAG AA × Fail

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 66, 44.348, 329.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

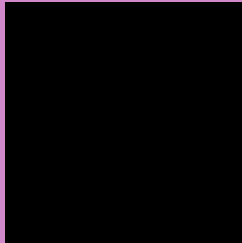
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 44.348, 329.172

Background



This preview shows how black text looks on a background with the CIELCh color 66, 44.348, 329.172.

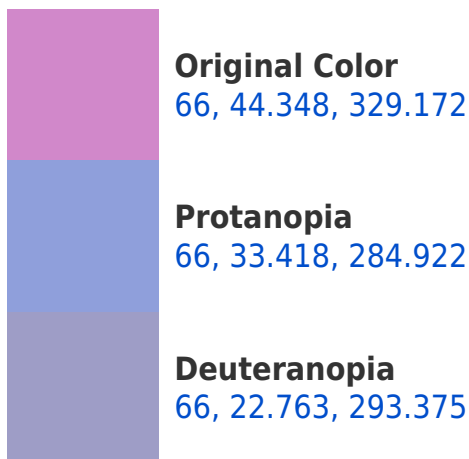


This preview shows how white text looks on a background with the CIELCh color 66, 44.348, 329.172.

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
66, 23.693, 7.157

Trichromacy



Original Color
66, 44.348, 329.172



Protanomaly
66, 34.962, 302.355



Deuteranomaly
66, 29.470, 311.597



Tritanomaly
66, 29.265, 346.973

Monochromacy



Original Color
66, 44.348, 329.172



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 16.712, 328.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 44.348, 329.172 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(209, 136, 202)` looks like.

```
.text, #text, p{  
    color:rgb(209, 136, 202)  
}
```

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(209, 136, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 136, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 44.348, 329.172 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(209, 136, 202) }
```

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

```
.border{ border-color:rgb(209, 136, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 136, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 136, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 136, 202);  
box-shadow:4px 4px 4px 4px rgb(209, 136,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 44.348, 329.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 136, 202) }
```

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

```
.background{ background-color: rgb(209,  
136, 202) }
```

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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