

Converting Colors

CIELCh(66, 46.855, 329.420)

Have a look what the booklet for
CIELCh(66, 46.855, 329.420)
contains.

CIELCh(66, 46.968, 329.499)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 46.968, 329.499)

Conversions

Conversions Part 1

Format	Color
Hex	D486CC
RGB	212, 134, 204
RGB Percent	83%, 53%, 80%
CMY	0.1693, 0.4752, 0.2007
CMYK	0.00, 0.37, 0.04, 0.17
HSL	306°, 47%, 68%
HSV	306°, 37%, 83%
XYZ	46.4774, 35.3238, 61.3822
YIQ	165.3020, 24.0180, 38.3060

Conversions

Conversions Part 2

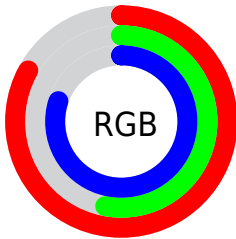
Format	Color
RYB	212, 134, 204
Decimal	13928140
CIELab	66.00, 40.47, -23.84
CIELCh	66, 46.968, 329.499
Yxy	35.3238, 0.3246, 0.2467
Android (android.graphics.Color)	4292118220 (0xFFD486CC)
YUV	165.3020, 19.0781, 40.9541
Hunter-Lab	59.4338, 35.5783, -19.6300

Details

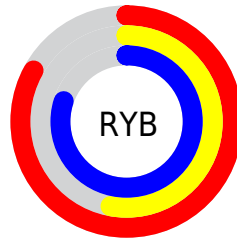
The CIELCh color $66, 46.968, 329.499$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 46.979, 144.526$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 41.380, 325.860$, and $46, 47.221, 329.346$ is the 20% darker color. If you saturate the color by 10%, you get $62, 58.884, 330.079$, and if you desaturate by 10%, it is $71, 34.400, 328.908$.

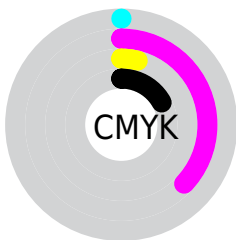
Distribution



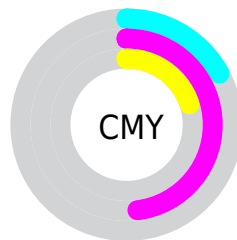
- Red (83%)
- Green (53%)
- Blue (80%)



- Red (83%)
- Yellow (53%)
- Blue (80%)



- Cyan (0%)
- Magenta (37%)
- Yellow (4%)
- Black (17%)



- Cyan (17%)
- Magenta (48%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 46.968, 329.499 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, 46.968, 329.499 by changing the saturation by 10% instead.

 66, 46.968,
329.499

 66, 46.968,
329.499

 100, 46.968,
329.499


 56, 46.968,
329.499


 86, 46.968,
329.499

 46, 46.968,
329.499

 96, 46.968,
329.499

 36, 46.968,
329.499

 26, 46.968,
329.499

 16, 46.968,
329.499

 6, 46.968, 329.499

 0, 46.968, 329.499

66, 46.968,
329.499

66, 46.968,
329.499

62, 58.884,
330.079

71, 34.400,
328.908

58, 69.687,
330.640

76, 21.554,
328.312

54, 78.840,
331.177

81, 8.692, 327.708

52, 85.832,
331.689

87, 4.010, 147.245

50, 90.312,
332.183

92, 16.441,
146.637


49, 92.280,
332.676

96, 24.941,
146.671

49, 92.640,
332.833

96, 24.059,
148.258

96, 23.193,
149.960

 96, 22.347,
151.785

Harmonies

Complementary

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



66, 46.968, 329.499



78, 46.979, 144.526

Rectangle

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



66, 46.968, 329.499



66, 46.968, 19.499



66, 46.968, 149.499



66, 46.968, 199.499

Sweetspot

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



66, 46.965, 329.499



93, 16.348, 327.971



59, 44.296, 298.054



49, 10.992, 328.053



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, 46.965, 329.499



74, 64.605, 329.944



65, 34.334, 353.431



42, 7.315, 327.869



39, 79.027, 332.757



6, 30.574, 331.673

Inverse Universe

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



66, 46.965, 329.499



74, 64.605, 329.944



79, 31.931, 165.690



42, 7.315, 327.869



39, 79.027, 332.757



6, 30.574, 331.673

Previews

White Background



This preview shows how the CIELCh color 66, 46.968, 329.499 looks on a white background.

Color Contrast Check

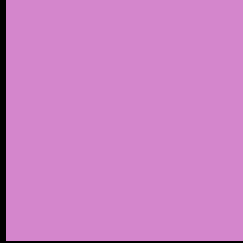
Large Text (above 18pt) WCAG AA × Fail

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, 46.968, 329.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

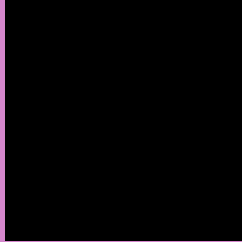
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 46.968, 329.499

Background



This preview shows how black text looks on a background with the CIELCh color 66, 46.968, 329.499.

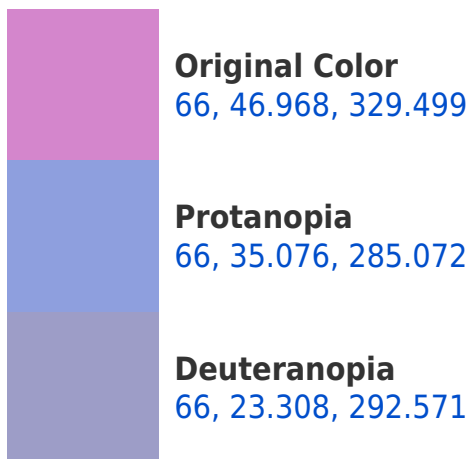



This preview shows how white text looks on a background with the CIELCh color 66, 46.968, 329.499.

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, 25.290, 8.307

Trichromacy



Original Color
66, 46.968, 329.499



Protanomaly
66, 36.675, 302.572



Deuteranomaly
66, 30.610, 311.584

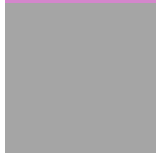


Tritanomaly
66, 31.392, 347.596

Monochromacy



Original Color
66, 46.968, 329.499



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 17.364, 328.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 46.968, 329.499 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(212, 134, 204)` looks like.

```
.text, #text, p{  
    color:rgb(212, 134, 204)  
}
```

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(212, 134, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 134, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 46.968, 329.499 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(212, 134, 204) }
```

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

```
.border{ border-color:rgb(212, 134, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 134, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 134, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 134, 204);  
box-shadow:4px 4px 4px 4px rgb(212, 134,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 46.968, 329.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 134, 204) }
```

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

```
.background{ background-color: rgb(212,  
134, 204) }
```

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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