

Converting Colors

CIELCh(66, 47.571, 333.092)

Have a look what the booklet for
CIELCh(66, 47.571, 333.092)
contains.

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Color

CIELCh(66, 47.571, 333.092)

Conversions

Conversions Part 1

Format	Color
Hex	D984C8
RGB	217, 132, 200
RGB Percent	85%, 52%, 78%
CMY	0.1499, 0.4831, 0.2165
CMYK	0.00, 0.39, 0.08, 0.15
HSL	312°, 53%, 68%
HSV	312°, 39%, 85%
XYZ	47.1718, 35.3238, 58.8433
YIQ	165.1670, 28.8320, 39.1680

Conversions

Conversions Part 2

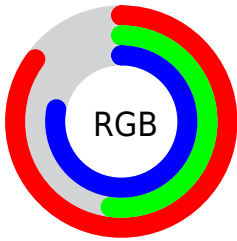
Format	Color
R _{YB}	217, 132, 200
Decimal	14255304
CIE _{Lab}	66.00, 42.42, -21.53
CIE _{LCh}	66, 47.571, 333.092
Yxy	35.3238, 0.3337, 0.2499
Android (android.graphics.Color)	4292445384 (0xFFD984C8)
YUV	165.1670, 17.1727, 45.4575
Hunter-Lab	59.4338, 37.6638, -17.0972

Details

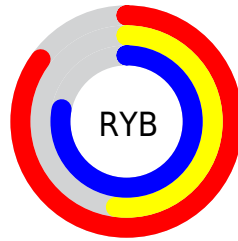
The CIELCh color $66, 47.571, 333.092$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $80, 47.429, 147.306$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 42.626, 325.902$, and $46, 47.625, 333.231$ is the 20% darker color. If you saturate the color by 10%, you get $62, 58.758, 333.807$, and if you desaturate by 10%, it is $71, 35.670, 332.400$.

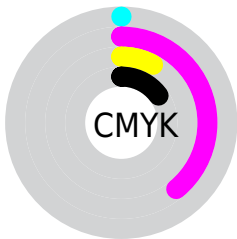
Distribution



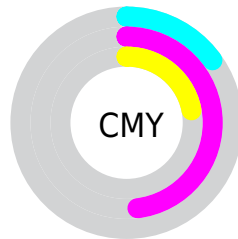
- Red (85%)
- Green (52%)
- Blue (78%)



- Red (85%)
- Yellow (52%)
- Blue (78%)



- Cyan (0%)
- Magenta (39%)
- Yellow (8%)
- Black (15%)





- Cyan (15%)
- Magenta (48%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 47.571, 333.092 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, 47.571, 333.092 by changing the saturation by 10% instead.


 66, 47.571,
333.092


 66, 47.571,
333.092


 100, 47.571,
333.092


 56, 47.571,
333.092


 86, 47.571,
333.092

 46, 47.571,
333.092

 96, 47.571,
333.092

 36, 47.571,
333.092

 26, 47.571,
333.092

 16, 47.571,
333.092

 6, 47.571, 333.092

 0, 47.571, 333.092

66, 47.571,
333.092

66, 47.571,
333.092

62, 58.758,
333.807

71, 35.670,
332.400

58, 68.749,
334.550

76, 23.449,
331.728

54, 76.988,
335.334

81, 11.179,
331.069

52, 82.958,
336.181

87, 0.953, 150.824

50, 86.342,
337.125

93, 12.835,
149.914

49, 87.362,
338.194

97, 20.237,
150.778

49, 87.410,
338.282

97, 18.599,
155.218

97, 17.080,
160.454

■ 97, 15.718,
166.627

Harmonies

Complementary

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



66, 47.571, 333.092



80, 47.429, 147.306

Rectangle

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



66, 47.571, 333.092



66, 47.571, 23.092



66, 47.571, 153.092



66, 47.571, 203.092

Sweetspot

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



66, 47.568, 333.092



92, 16.665, 331.261



60, 48.426, 300.956



48, 11.062, 331.348



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, 47.568, 333.092



72, 64.266, 333.679



65, 36.050, 359.498



43, 6.964, 331.085



39, 74.167, 338.097



6, 30.020, 336.049

Inverse Universe

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



66, 47.568, 333.092



72, 64.266, 333.679



81, 32.288, 170.766



43, 6.964, 331.085



39, 74.167, 338.097



6, 30.020, 336.049

Previews

White Background



This preview shows how the CIELCh color 66, 47.571, 333.092 looks on a white background.

Color Contrast Check

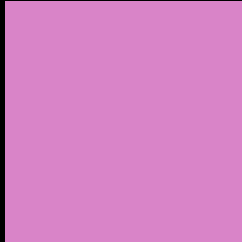
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 47.571, 333.092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

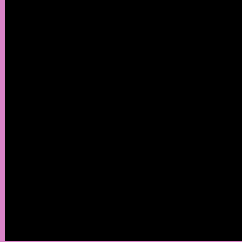
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 47.571, 333.092

Background



This preview shows how black text looks on a background with the CIELCh color 66, 47.571, 333.092.



This preview shows how white text looks on a background with the CIELCh color 66, 47.571, 333.092.

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



Original Color
66, 47.571, 333.092

Protanopia
66, 33.418, 284.922

Deuteranopia
66, 21.118, 294.224



Tritanopia
66, 28.550, 10.319

Trichromacy



Original Color
66, 47.571, 333.092



Protanomaly
66, 35.852, 304.941



Deuteranomaly
66, 29.578, 315.286

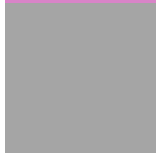


Tritanomaly
66, 33.183, 352.345

Monochromacy



Original Color
66, 47.571, 333.092



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 18.072, 331.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 47.571, 333.092 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, 132, 200)` looks like.

```
.text, #text, p{  
    color:rgb(217, 132, 200)  
}
```

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, 132, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 132, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 47.571, 333.092 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, 132, 200) }
```

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

```
.border{ border-color:rgb(217, 132, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 132, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 132, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 132, 200);  
box-shadow:4px 4px 4px 4px rgb(217, 132,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 47.571, 333.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 132, 200) }
```

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

```
.background{ background-color: rgb(217,  
132, 200) }
```

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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