

Converting Colors

CIELCh(66, 45.634, 332.570)

Have a look what the booklet for
CIELCh(66, 45.634, 332.570)
contains.

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Color

CIELCh(66, 45.976, 332.441)

Conversions

Conversions Part 1

Format	Color
Hex	D685C7
RGB	214, 133, 199
RGB Percent	84%, 52%, 78%
CMY	0.1597, 0.4774, 0.2185
CMYK	0.00, 0.38, 0.07, 0.16
HSL	311°, 50%, 68%
HSV	311°, 38%, 84%
XYZ	46.5804, 35.3238, 58.5649
YIQ	164.7430, 27.0900, 37.6980

Conversions

Conversions Part 2

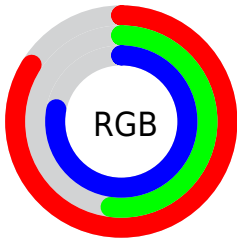
Format	Color
RYB	214, 133, 199
Decimal	14058951
CIELab	66.00, 40.76, -21.27
CIELCh	66, 45.976, 332.441
Yxy	35.3238, 0.3316, 0.2515
Android (android.graphics.Color)	4292249031 (0xFFD685C7)
YUV	164.7430, 16.8887, 43.1984
Hunter-Lab	59.4338, 35.8876, -16.8195

Details

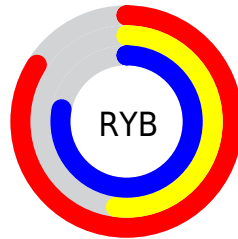
The CIELCh color $66, 45.976, 332.441$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 45.859, 146.976$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 42.003, 325.881$, and $46, 46.088, 332.495$ is the 20% darker color. If you saturate the color by 10%, you get $62, 57.291, 333.130$, and if you desaturate by 10%, it is $71, 34.006, 331.769$.

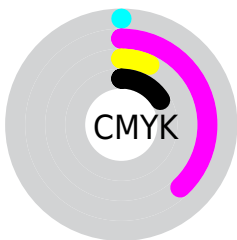
Distribution



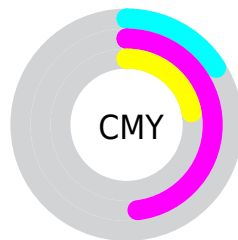
- Red (84%)
- Green (52%)
- Blue (78%)



- Red (84%)
- Yellow (52%)
- Blue (78%)



- Cyan (0%)
- Magenta (38%)
- Yellow (7%)
- Black (16%)





- Cyan (16%)
- Magenta (48%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 45.976, 332.441 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, 45.976, 332.441 by changing the saturation by 10% instead.


 66, 45.976,
332.441


 66, 45.976,
332.441


 100, 45.976,
332.441


 56, 45.976,
332.441


 86, 45.976,
332.441

 46, 45.976,
332.441

 96, 45.976,
332.441

 36, 45.976,
332.441

 26, 45.976,
332.441

 16, 45.976,
332.441

 6, 45.976, 332.441

 0, 45.976, 332.441

66, 45.976,
332.441

66, 45.976,
332.441

62, 57.291,
333.130

71, 34.006,
331.769

58, 67.486,
333.837

76, 21.757,
331.113

54, 76.015,
334.573

81, 9.487, 330.463

52, 82.355,
335.353

87, 2.629, 150.012

93, 14.485,
149.330

50, 86.155,
336.206

96, 21.872,
150.010

49, 87.480,
337.163

97, 20.346,
153.674

49, 87.628,
337.380

97, 18.906,
157.894

■ 97, 17.574,
162.760

Harmonies

Complementary

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



66, 45.976, 332.441



79, 45.859, 146.976

Rectangle

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



66, 45.976, 332.441



66, 45.976, 22.441



66, 45.976, 152.441



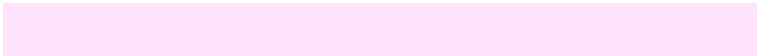
66, 45.976, 202.441

Sweetspot

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



66, 45.973, 332.441



93, 15.426, 330.679



60, 46.146, 300.790



49, 10.373, 330.768



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, 45.973, 332.441



74, 62.374, 332.966



65, 34.411, 359.269



42, 6.902, 330.569



39, 74.176, 337.210



6, 28.756, 335.187

Inverse Universe

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



66, 45.973, 332.441



74, 62.374, 332.966



80, 30.945, 170.939



42, 6.902, 330.569



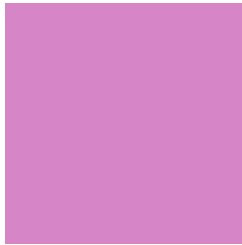
39, 74.176, 337.210



6, 28.756, 335.187

Previews

White Background



This preview shows how the CIELCh color 66, 45.976, 332.441 looks on a white background.

Color Contrast Check

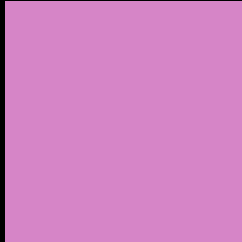
Large Text (above 18pt) WCAG AA × Fail

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, 45.976, 332.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

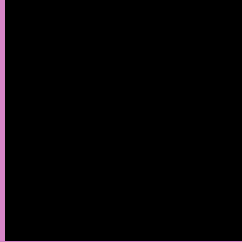
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 45.976, 332.441

Background



This preview shows how black text looks on a background with the CIELCh color 66, 45.976, 332.441.



This preview shows how white text looks on a background with the CIELCh color 66, 45.976, 332.441.

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, 45.976, 332.441

Protanopia

66, 32.842, 285.223

Deuteranopia

66, 21.118, 294.224



Tritanopia
66, 27.326, 9.609

Trichromacy



Original Color
66, 45.976, 332.441



Protanomaly
66, 34.678, 304.696



Deuteranomaly
66, 29.452, 314.626

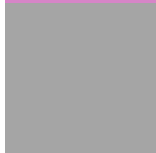


Tritanomaly
66, 32.180, 351.103

Monochromacy



Original Color
66, 45.976, 332.441



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 17.424, 331.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 45.976, 332.441 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(214, 133, 199)` looks like.

```
.text, #text, p{  
    color:rgb(214, 133, 199)  
}
```

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(214, 133, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 133, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 45.976, 332.441 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(214, 133, 199) }
```

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

```
.border{ border-color:rgb(214, 133, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 133, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 133, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 133, 199);  
box-shadow:4px 4px 4px 4px rgb(214, 133,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 45.976, 332.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 133, 199) }
```

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

```
.background{ background-color: rgb(214,  
133, 199) }
```

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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