

Converting Colors

CIELCh(65, 32.959, 347.337)

Have a look what the booklet for
CIELCh(65, 32.959, 347.337)
contains.

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Color

CIELCh(65, 33.529, 346.966)

Conversions

Conversions Part 1

Format	Color
Hex	D088AC
RGB	208, 136, 172
RGB Percent	82%, 53%, 67%
CMY	0.1839, 0.4662, 0.3251
CMYK	0.00, 0.35, 0.17, 0.18
HSL	330°, 43%, 67%
HSV	330°, 35%, 82%
XYZ	42.3201, 34.0472, 43.4254
YIQ	161.6320, 31.3560, 26.4600

Conversions

Conversions Part 2

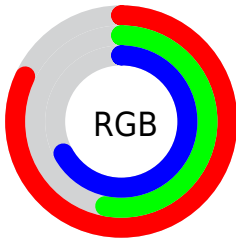
Format	Color
R_{YB}	208, 136, 172
Decimal	13666476
CIE _{Lab}	65.00, 32.67, -7.56
CIE _{LCh}	65, 33.529, 346.966
Yxy	34.0472, 0.3533, 0.2842
Android (android.graphics.Color)	4291856556 (0xFFD088AC)
YUV	161.6320, 5.1114, 40.6647
Hunter-Lab	58.3500, 27.3502, -3.2800

Details

The CIELCh color $65, 33.529, 346.966$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 32.148, 160.353$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 30.359, 342.251$, and $45, 33.379, 346.711$ is the 20% darker color. If you saturate the color by 10%, you get $60, 43.027, 348.240$, and if you desaturate by 10%, it is $70, 23.756, 345.860$.

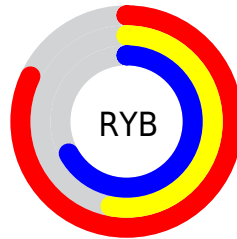
Distribution



Red (82%)

Green (53%)

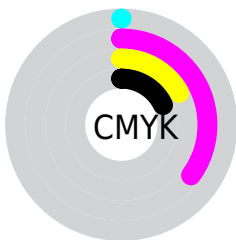
Blue (67%)



Red (82%)

Yellow (53%)

Blue (67%)

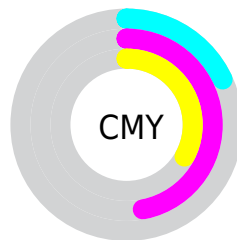


Cyan (0%)

Magenta (35%)

Yellow (17%)

Black (18%)



Cyan (18%)


Magenta (47%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 33.529, 346.966 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 65, 33.529, 346.966 by changing the saturation by 10% instead.


 65, 33.529,
346.966


 65, 33.529,
346.966


 100, 33.529,
346.966


 55, 33.529,
346.966


 85, 33.529,
346.966

 45, 33.529,
346.966

 95, 33.529,
346.966

 35, 33.529,
346.966

 25, 33.529,
346.966

 15, 33.529,
346.966

 5, 33.529, 346.966

 0, 33.529, 346.966

65, 33.529,
346.966

65, 33.529,
346.966

60, 43.027,
348.240

70, 23.756,
345.860

56, 51.891,
349.738

75, 13.976,
344.874

52, 59.652,
351.550

81, 4.351, 343.933

87, 5.021, 163.319

49, 65.810,
353.795

92, 14.091,
162.540

47, 69.970,
356.627

96, 19.421,
165.571

45, 72.047, 0.206

97, 16.801,
180.500

45, 72.665, 2.384

97, 15.592,
198.468

Harmonies

Complementary

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



65, 33.529, 346.966



78, 32.148, 160.353

Rectangle

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



65, 33.529, 346.966



65, 33.529, 36.966



65, 33.529, 166.966



65, 33.529, 216.966

Sweetspot

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



65, 33.526, 346.967



93, 11.233, 344.457



62, 42.251, 310.775



49, 7.676, 344.589



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 33.526, 346.967



74, 47.866, 347.955



64, 29.832, 22.501



41, 5.421, 344.392



36, 62.117, 1.679



5, 21.812, 353.948

Inverse Universe

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



65, 33.526, 346.967



74, 47.866, 347.955



79, 23.461, 197.732



41, 5.421, 344.392



36, 62.117, 1.679



5, 21.812, 353.948

Previews

White Background



This preview shows how the CIELCh color 65, 33.529, 346.966 looks on a white background.

Color Contrast Check

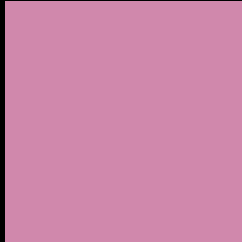
Large Text (above 18pt) WCAG AA × Fail

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 65, 33.529, 346.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

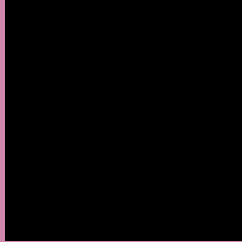
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 33.529, 346.966

Background



This preview shows how black text looks on a background with the CIELCh color 65, 33.529, 346.966.



This preview shows how white text looks on a background with the CIELCh color 65, 33.529, 346.966.

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


65, 33.529, 346.966

Protanopia

65, 15.596, 286.625

Deuteranopia

65, 10.116, 324.897



Tritanopia
65, 26.997, 9.412

Trichromacy



Original Color
65, 33.529, 346.966

Protanomaly
65, 19.463, 318.768

Deuteranomaly
65, 18.703, 338.315

Tritanomaly
65, 28.699, 0.097

Monochromacy



Original Color
65, 33.529, 346.966

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 12.299, 344.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 33.529, 346.966 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(208, 136, 172)` looks like.

```
.text, #text, p{  
    color:rgb(208, 136, 172)  
}
```

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(208, 136, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 136, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 33.529, 346.966 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(208, 136, 172) }
```

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

```
.border{ border-color:rgb(208, 136, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 136, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 136, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 136, 172);  
box-shadow:4px 4px 4px 4px rgb(208, 136,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 33.529, 346.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 136, 172) }
```

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

```
.background{ background-color: rgb(208,  
136, 172) }
```

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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