

Converting Colors

CIELCh(68, 32.715, 337.428)

Have a look what the booklet for
CIELCh(68, 32.715, 337.428)
contains.

CIELCh(68, 32.965, 337.227)	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(68, 32.965, 337.227)

Conversions

Conversions Part 1

Format	Color
Hex	D192BD
RGB	209, 146, 189
RGB Percent	82%, 57%, 74%
CMY	0.1789, 0.4260, 0.2574
CMYK	0.00, 0.30, 0.10, 0.18
HSL	319°, 41%, 70%
HSV	319°, 30%, 82%
XYZ	45.9651, 37.9720, 53.2644
YIQ	169.7390, 23.7450, 26.7290

Conversions

Conversions Part 2

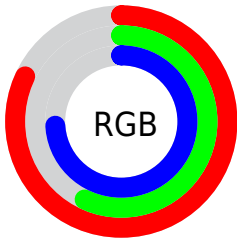
Format	Color
R _{YB}	209, 146, 189
Decimal	13734589
CIE Lab	68.00, 30.40, -12.76
CIE LCh	68, 32.965, 337.227
Yxy	37.9720, 0.3350, 0.2768
Android (android.graphics.Color)	4291924669 (0xFFD192BD)
YUV	169.7390, 9.4957, 34.4319
Hunter-Lab	61.6215, 25.3105, -8.1141

Details

The CIELCh color $68, 32.965, 337.227$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 32.562, 152.539$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 29.825, 331.343$, and $48, 33.485, 337.122$ is the 20% darker color. If you saturate the color by 10%, you get $63, 43.666, 338.087$, and if you desaturate by 10%, it is $73, 21.981, 336.429$.

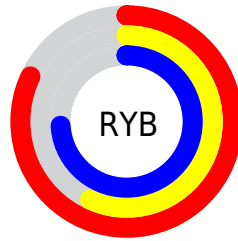
Distribution



Red (82%)

Green (57%)

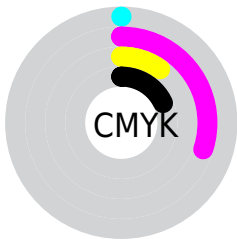
Blue (74%)



Red (82%)

Yellow (57%)

Blue (74%)

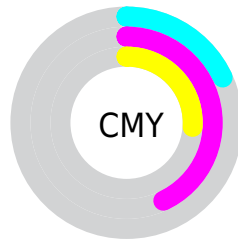


Cyan (0%)

Magenta (30%)

Yellow (10%)

Black (18%)



Cyan (18%)

Magenta (43%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 32.965, 337.227 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 68, 32.965, 337.227 by changing the saturation by 10% instead.

 68, 32.965,
337.227

 68, 32.965,
337.227


 100, 32.965,
337.227


 58, 32.965,
337.227

 88, 32.965,
337.227

 48, 32.965,
337.227

 98, 32.965,
337.227

 38, 32.965,
337.227

 28, 32.965,
337.227

 18, 32.965,
337.227

 8, 32.965, 337.227

 0, 32.965, 337.227

68, 32.965,
337.227

68, 32.965,
337.227

63, 43.666,
338.087

73, 21.981,
336.429

59, 53.731,
339.026

78, 10.976,
335.674

55, 62.690,
340.074

84, 0.113, 331.858

52, 70.009,
341.272

90, 10.508,
154.396

49, 75.187,
342.683

95, 20.834,
153.768


47, 77.923,
344.388

96, 20.792,
158.871

46, 78.568,
346.402

96, 18.654,
166.668

97, 16.913,
176.219

 97, 15.705,
187.548

Harmonies

Complementary

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



68, 32.965, 337.227



79, 32.562, 152.539

Rectangle

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



68, 32.965, 337.227



68, 32.965, 27.227



68, 32.965, 157.227



68, 32.965, 207.227

Sweetspot

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



68, 32.962, 337.228



94, 11.470, 335.599



65, 35.906, 304.408



49, 7.980, 335.709



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 32.962, 337.228



78, 46.143, 337.762



67, 25.655, 7.863



41, 6.157, 335.622



37, 66.975, 346.034



5, 24.386, 341.968

Inverse Universe

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



68, 32.962, 337.228



78, 46.143, 337.762



80, 22.487, 181.793



41, 6.157, 335.622



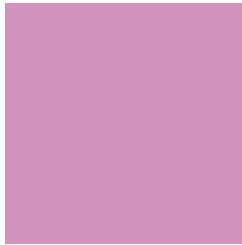
37, 66.975, 346.034



5, 24.386, 341.968

Previews

White Background



This preview shows how the CIELCh color 68, 32.965, 337.227 looks on a white background.

Color Contrast Check

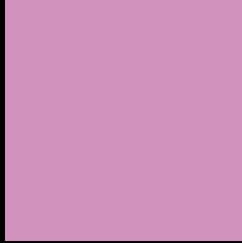
Large Text (above 18pt) WCAG AA × Fail

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 68, 32.965, 337.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

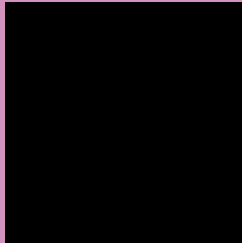
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 32.965, 337.227

Background



This preview shows how black text looks on a background with the CIELCh color 68, 32.965, 337.227.



This preview shows how white text looks on a background with the CIELCh color 68, 32.965, 337.227.

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
68, 22.466, 4.758

Trichromacy



Original Color
68, 32.965, 337.227

Protanomaly
68, 22.659, 309.551

Deuteranomaly
68, 20.847, 323.602

Tritanomaly
68, 25.696, 351.385

Monochromacy



Original Color
68, 32.965, 337.227

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 12.368, 335.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 32.965, 337.227 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, 146, 189)` looks like.

```
.text, #text, p{  
    color:rgb(209, 146, 189)  
}
```

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, 146, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 146, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 32.965, 337.227 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, 146, 189) }
```

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

```
.border{ border-color:rgb(209, 146, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 146, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 146, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 146, 189);  
box-shadow:4px 4px 4px 4px rgb(209, 146,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 32.965, 337.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 146, 189) }
```

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

```
.background{ background-color: rgb(209,  
146, 189) }
```

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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