

Converting Colors

CIELCh(68, 11.596, 342.489)

Have a look what the booklet for
CIELCh(68, 11.596, 342.489)
contains.

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Color

CIELCh(68, 11.608, 342.500)

Conversions

Conversions Part 1

Format	Color
Hex	B79FAC
RGB	183, 159, 172
RGB Percent	72%, 62%, 67%
CMY	0.2813, 0.3755, 0.3245
CMYK	0.00, 0.13, 0.06, 0.28
HSL	328°, 14%, 67%
HSV	328°, 13%, 72%
XYZ	39.5042, 37.9720, 44.4072
YIQ	167.6580, 10.1310, 9.1310

Conversions

Conversions Part 2

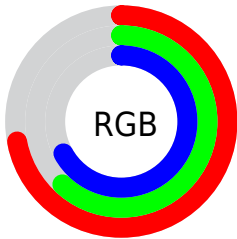
Format	Color
RYB	183, 159, 172
Decimal	12033964
CIELab	68.00, 11.07, -3.49
CIElCh	68, 11.608, 342.500
Yxy	37.9720, 0.3241, 0.3115
Android (android.graphics.Color)	4290224044 (0xFFB79FAC)
YUV	167.6580, 2.1406, 13.4549
Hunter-Lab	61.6215, 6.5949, 0.4080

Details

The CIELCh color $68, 11.608, 342.500$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 11.448, 160.442$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 11.305, 343.417$, and $48, 11.393, 342.599$ is the 20% darker color. If you saturate the color by 10%, you get $63, 20.632, 343.417$, and if you desaturate by 10%, it is $73, 2.718, 341.583$.

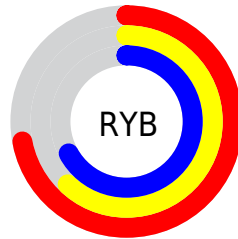
Distribution



Red (72%)

Green (62%)

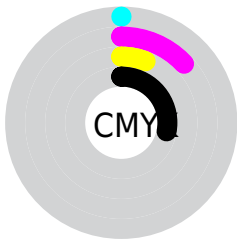
Blue (67%)



Red (72%)

Yellow (62%)

Blue (67%)

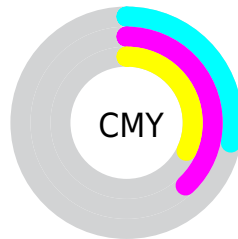


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (28%)



Cyan (28%)


Magenta (38%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 11.608, 342.500 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, 11.608, 342.500 by changing the saturation by 10% instead.


 68, 11.608,
342.500


 68, 11.608,
342.500


 100, 11.608,
342.500


 58, 11.608,
342.500


 88, 11.608,
342.500

 48, 11.608,
342.500

 98, 11.608,
342.500

 38, 11.608,
342.500

 28, 11.608,
342.500

 18, 11.608,
342.500

 8, 11.608, 342.500

 0, 11.608, 342.500

68, 11.608,
342.500

68, 11.608,
342.500

63, 20.632,
343.417

73, 2.718, 341.583

59, 29.654,
344.426

78, 5.948, 161.031

54, 38.448,
345.567

83, 14.349,
160.305

50, 46.697,
346.886

88, 22.468,
159.658

47, 53.991,
348.451

93, 30.305,
159.061

44, 59.875,
350.357

95, 29.831,
163.706

42, 63.953,
352.731

95, 27.313,
170.885

40, 66.053,

95, 25.250,
179.332

355.717

95, 23.769,
189.015

40, 66.749,
358.083

Harmonies

Complementary

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



68, 11.608, 342.500



72, 11.448, 160.442

Rectangle

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



68, 11.608, 342.500



68, 11.608, 32.500



68, 11.608, 162.500



68, 11.608, 212.500

Sweetspot

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



68, 11.606, 342.503



91, 4.330, 341.691



67, 13.906, 307.921



49, 3.104, 341.766



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 11.606, 342.503



84, 17.533, 342.784



68, 9.377, 16.207



36, 5.008, 342.174



33, 59.236, 357.557



3, 12.514, 348.393

Inverse Universe

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



68, 11.606, 342.503



84, 17.533, 342.784



73, 8.698, 194.444



36, 5.008, 342.174



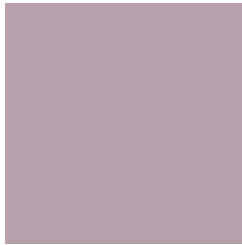
33, 59.236, 357.557



3, 12.514, 348.393

Previews

White Background



This preview shows how the CIELCh color 68, 11.608, 342.500 looks on a white background.

Color Contrast Check

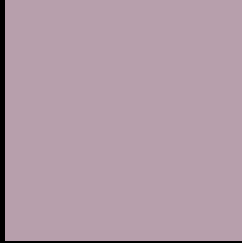
Large Text (above 18pt) WCAG AA × Fail

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 68, 11.608, 342.500 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, 11.608, 342.500

Background



This preview shows how black text looks on a background with the CIELCh color 68, 11.608, 342.500.



This preview shows how white text looks on a background with the CIELCh color 68, 11.608, 342.500.

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
68, 11.608, 342.500

Protanopia
68, 6.081, 294.281

Deuteranopia
68, 9.145, 338.825



Tritanopia
68, 11.608, 342.500

Trichromacy



Original Color
68, 11.608, 342.500

Protanomaly
68, 7.457, 317.558

Deuteranomaly
68, 10.372, 340.861

Tritanomaly
68, 11.608, 342.500

Monochromacy



Original Color
68, 11.608, 342.500

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.400, 341.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 11.608, 342.500 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(183, 159, 172)` looks like.

```
.text, #text, p{  
    color:rgb(183, 159, 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(183, 159, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 159, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 11.608, 342.500 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(183, 159, 172) }
```

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

```
.border{ border-color:rgb(183, 159, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 159, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 159, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 159, 172);  
box-shadow:4px 4px 4px 4px rgb(183, 159,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 11.608, 342.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 159, 172) }
```

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

```
.background{ background-color: rgb(183,  
159, 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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