

Converting Colors

CIELCh(68, 7.820, 342.128)

Have a look what the booklet for
CIELCh(68, 7.820, 342.128) contains.

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Color

CIELCh(68, 8.165, 342.822)

Conversions

Conversions Part 1

Format	Color
Hex	B2A1AA
RGB	178, 161, 170
RGB Percent	70%, 63%, 67%
CMY	0.3011, 0.3677, 0.3324
CMYK	0.00, 0.10, 0.04, 0.30
HSL	328°, 10%, 67%
HSV	328°, 10%, 70%
XYZ	38.4747, 37.9720, 43.4449
YIQ	167.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

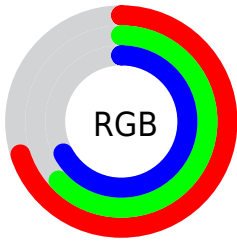
Format	Color
RYB	178, 161, 170
Decimal	11706794
CIELab	68.00, 7.80, -2.41
CIElCh	68, 8.165, 342.822
Yxy	37.9720, 0.3209, 0.3167
Android (android.graphics.Color)	4289896874 (0xFFB2A1AA)
YUV	167.1090, 1.4253, 9.5514
Hunter-Lab	61.6215, 3.6127, 1.3338

Details

The CIELCh color $68, 8.165, 342.822$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 8.072, 161.381$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 8.036, 344.235$, and $48, 8.410, 341.374$ is the 20% darker color. If you saturate the color by 10%, you get $63, 16.884, 343.729$, and if you desaturate by 10%, it is $73, 0.383, 163.018$.

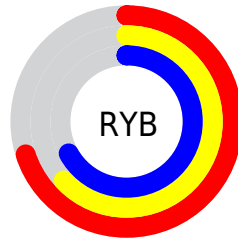
Distribution



Red (70%)

Green (63%)

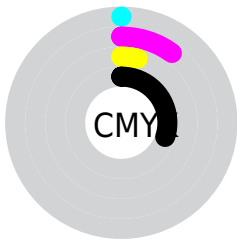
Blue (67%)



Red (70%)

Yellow (63%)

Blue (67%)

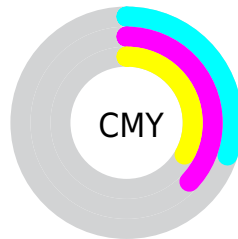


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 8.165, 342.822 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, 8.165, 342.822 by changing the saturation by 10% instead.

68, 8.165, 342.822

68, 8.165, 342.822

100, 8.165,
342.822

58, 8.165, 342.822

88, 8.165, 342.822

48, 8.165, 342.822

98, 8.165, 342.822

38, 8.165, 342.822

28, 8.165, 342.822

18, 8.165, 342.822

8, 8.165, 342.822

0, 8.165, 342.822

68, 8.165, 342.822

68, 8.165, 342.822

63, 16.884,

73, 0.383, 163.018

343.729

78, 8.691, 161.381

59, 25.664,
344.714

83, 16.730,
160.686

54, 34.320,
345.823

88, 24.492,
160.054

50, 42.580,
347.099

93, 31.983,
159.470

47, 50.077,
348.603

94, 31.807,
163.605

44, 56.379,
350.424

95, 29.261,
170.284

41, 61.066,
352.681

95, 27.128,
178.080

39, 63.872,
355.519

95, 25.520,
186.995

38, 65.127,
358.967

Harmonies

Complementary

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



68, 8.165, 342.822



71, 8.072, 161.381

Rectangle

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



68, 8.165, 342.822



68, 8.165, 32.822



68, 8.165, 162.822



68, 8.165, 212.822

Sweetspot

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



68, 8.163, 342.826



90, 3.161, 342.204



67, 9.878, 308.322



48, 2.417, 342.297



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 8.163, 342.826



85, 11.687, 342.972



68, 6.585, 17.231



35, 4.851, 342.807



33, 58.330, 358.612



2, 10.790, 348.224

Inverse Universe

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



68, 8.163, 342.826



85, 11.687, 342.972



71, 6.227, 196.118



35, 4.851, 342.807



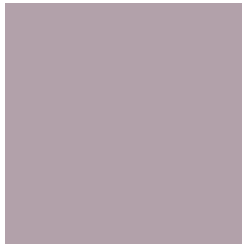
33, 58.330, 358.612



2, 10.790, 348.224

Previews

White Background



This preview shows how the CIELCh color 68, 8.165, 342.822 looks on a white background.

Color Contrast Check

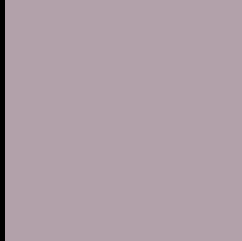
Large Text (above 18pt) WCAG AA × Fail

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, 8.165, 342.822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

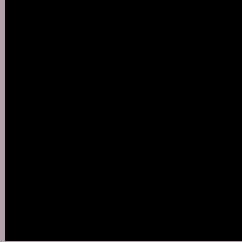
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 8.165, 342.822

Background



This preview shows how black text looks on a background with the CIELCh color 68, 8.165, 342.822.



This preview shows how white text looks on a background with the CIELCh color 68, 8.165, 342.822.

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, 8.165, 342.822

Protanopia

68, 3.943, 301.489

Deuteranopia

68, 8.785, 345.948



Tritanopia
68, 9.513, 336.334

Trichromacy



Original Color
68, 8.165, 342.822

Protanomaly
68, 4.698, 324.614

Deuteranomaly
68, 8.472, 344.440

Tritanomaly
68, 9.145, 338.825

Monochromacy



Original Color
68, 8.165, 342.822

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.827, 343.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 8.165, 342.822 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(178, 161, 170)` looks like.

```
.text, #text, p{  
    color:rgb(178, 161, 170)  
}
```

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(178, 161, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 161, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 8.165, 342.822 is called "border". The border property can be set on classes, ids or directly on the HTML element.

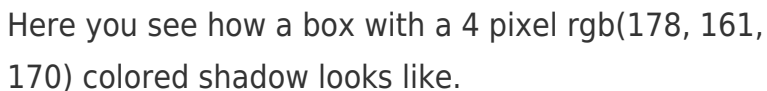
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 161, 170) }
```

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

```
.border{ border-color:rgb(178, 161, 170) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 161, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 161, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 161, 170); box-shadow:4px 4px 4px 4px rgb(178, 161, 170) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 8.165, 342.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 161, 170) }
```

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

```
.background{ background-color: rgb(178,  
161, 170) }
```

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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