

Converting Colors

CIELCh(68, 7.224, 342.518)

Have a look what the booklet for
CIELCh(68, 7.224, 342.518) contains.

CIELCh(68, 7.223, 342.523)	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, 7.223, 342.523)

Conversions

Conversions Part 1

Format	Color
Hex	B1A2AA
RGB	177, 162, 170
RGB Percent	69%, 64%, 67%
CMY	0.3068, 0.3656, 0.3342
CMYK	0.00, 0.08, 0.04, 0.31
HSL	328°, 9%, 66%
HSV	328°, 8%, 69%
XYZ	38.1910, 37.9720, 43.2309
YIQ	167.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

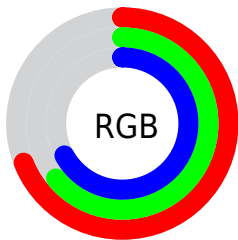
Format	Color
RYB	177, 162, 170
Decimal	11641514
CIELab	68.00, 6.89, -2.17
CIElCh	68, 7.223, 342.523
Yxy	37.9720, 0.3199, 0.3180
Android (android.graphics.Color)	4289831594 (0xFFB1A2AA)
YUV	167.3970, 1.2833, 8.4218
Hunter-Lab	61.6215, 2.7910, 1.5398

Details

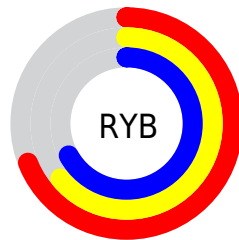
The CIELCh color $68, 7.223, 342.523$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 7.148, 161.275$, and the grayscale version is $69, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 7.142, 344.157$, and $48, 7.405, 340.804$ is the 20% darker color. If you saturate the color by 10%, you get $63, 15.891, 343.420$, and if you desaturate by 10%, it is $73, 1.268, 162.073$.

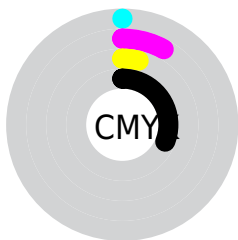
Distribution



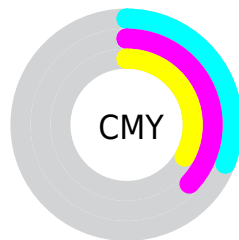
- Red (69%)
- Green (64%)
- Blue (67%)



- Red (69%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (31%)



- Cyan (31%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 7.223, 342.523 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, 7.223, 342.523 by changing the saturation by 10% instead.

68, 7.223, 342.523

68, 7.223, 342.523

100, 7.223,
342.523

58, 7.223, 342.523

88, 7.223, 342.523

48, 7.223, 342.523

98, 7.223, 342.523

38, 7.223, 342.523

28, 7.223, 342.523

18, 7.223, 342.523

8, 7.223, 342.523

0, 7.223, 342.523

68, 7.223, 342.523

68, 7.223, 342.523

63, 15.891,

73, 1.268, 162.073

343.420

78, 9.517, 161.104

59, 24.633,
344.389

83, 17.498,
160.420

54, 33.272,
345.475

88, 25.204,
159.795

50, 41.548,
346.720

93, 32.642,
159.217

47, 49.107,
348.182

94, 32.602,
163.085

43, 55.522,
349.944

94, 30.058,
169.435

41, 60.368,
352.121

95, 27.894,
176.823

39, 63.356,
354.853

95, 26.211,
185.269

38, 64.677,
358.214

Harmonies

Complementary

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



68, 7.223, 342.523



71, 7.148, 161.275

Rectangle

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



68, 7.223, 342.523



68, 7.223, 32.523



68, 7.223, 162.523



68, 7.223, 212.523

Sweetspot

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



68, 7.221, 342.528



89, 3.141, 342.002



68, 8.712, 308.270



47, 2.380, 342.093



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 7.221, 342.528



85, 10.546, 342.676



68, 5.793, 17.139



35, 4.864, 342.602



33, 58.393, 358.255



2, 10.816, 348.005

Inverse Universe

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



68, 7.221, 342.528



85, 10.546, 342.676



71, 5.513, 196.193



35, 4.864, 342.602



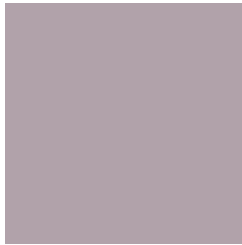
33, 58.393, 358.255



2, 10.816, 348.005

Previews

White Background



This preview shows how the CIELCh color 68, 7.223, 342.523 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, 7.223, 342.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

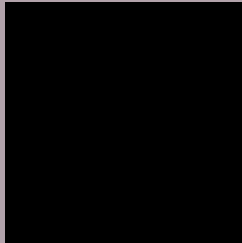
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

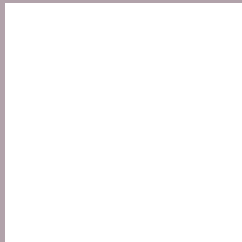
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 7.223, 342.523

Background



This preview shows how black text looks on a background with the CIELCh color 68, 7.223, 342.523.



This preview shows how white text looks on a background with the CIELCh color 68, 7.223, 342.523.

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, 7.223, 342.523

Protanopia

68, 3.943, 301.489

Deuteranopia

68, 8.785, 345.948



Tritanopia
68, 9.395, 330.614

Trichromacy



Original Color
68, 7.223, 342.523

Protanomaly
68, 4.698, 324.614

Deuteranomaly
68, 8.472, 344.440

Tritanomaly
68, 8.593, 335.375

Monochromacy



Original Color
68, 7.223, 342.523

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, 7.223, 342.523 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(177, 162, 170)` looks like.

```
.text, #text, p{  
    color:rgb(177, 162, 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(177, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 162, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 7.223, 342.523 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(177, 162, 170) }
```

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

```
.border{ border-color:rgb(177, 162, 170) }
```

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

Here you see how a box with a 4 pixel rgb(177, 162, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 162, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 162, 170);  
box-shadow:4px 4px 4px 4px rgb(177, 162,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 7.223, 342.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 162, 170) }
```

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

```
.background{ background-color: rgb(177,  
162, 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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