

Converting Colors

CIELCh(68, 20.446, 348.352)

Have a look what the booklet for
CIELCh(68, 20.446, 348.352)
contains.

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Color

CIELCh(68, 20.624, 347.565)

Conversions

Conversions Part 1

Format	Color
Hex	C699AE
RGB	198, 153, 174
RGB Percent	78%, 60%, 68%
CMY	0.2225, 0.3990, 0.3166
CMYK	0.00, 0.23, 0.12, 0.22
HSL	332°, 28%, 69%
HSV	332°, 23%, 78%
XYZ	42.4553, 37.9720, 45.2663
YIQ	168.8490, 20.0790, 16.0710

Conversions

Conversions Part 2

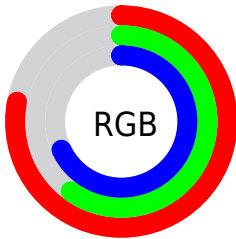
Format	Color
R_{YB}	198, 153, 174
Decimal	13015470
CIE Lab	68.00, 20.14, -4.44
CIE LCh	68, 20.624, 347.565
Yxy	37.9720, 0.3378, 0.3021
Android (android.graphics.Color)	4291205550 (0xFFC699AE)
YUV	168.8490, 2.5394, 25.5654
Hunter-Lab	61.6215, 15.1434, -0.4187

Details

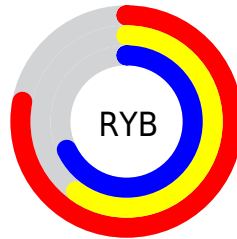
The CIELCh color **68, 20.624, 347.565** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 19.951, 163.445**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 20.214, 348.314**, and **48, 20.612, 347.632** is the 20% darker color. If you saturate the color by 10%, you get **63, 29.880, 348.695**, and if you desaturate by 10%, it is **73, 11.415, 346.563**.

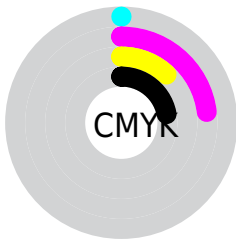
Distribution



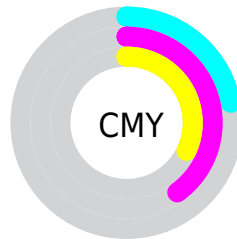
- Red (78%)
- Green (60%)
- Blue (68%)



- Red (78%)
- Yellow (60%)
- Blue (68%)



- Cyan (0%)
- Magenta (23%)
- Yellow (12%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 20.624, 347.565 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, 20.624, 347.565 by changing the saturation by 10% instead.


 68, 20.624,
347.565

 68, 20.624,
347.565


 100, 20.624,
347.565


 58, 20.624,
347.565


 88, 20.624,
347.565

 48, 20.624,
347.565

 98, 20.624,
347.565

 38, 20.624,
347.565

 28, 20.624,
347.565

 18, 20.624,
347.565

 8, 20.624, 347.565

 0, 20.624, 347.565

68, 20.624,
347.565

68, 20.624,
347.565

63, 29.880,
348.695

73, 11.415,
346.563

58, 38.972,
349.996

79, 2.399, 345.543

84, 6.352, 164.984

54, 47.574,
351.533

89, 14.800,
164.219

50, 55.269,
353.397

95, 22.938,
163.542

47, 61.588,
355.710

96, 21.351,
173.491

45, 66.131,
358.631

96, 19.265,
187.877

43, 68.756, 2.328

96, 18.629,
198.274

Harmonies

Complementary

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



68, 20.624, 347.565



76, 19.951, 163.445

Rectangle

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



68, 20.624, 347.565



68, 20.624, 37.565



68, 20.624, 167.565



68, 20.624, 217.565

Sweetspot

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



68, 20.622, 347.567



95, 7.662, 346.028



67, 26.439, 311.255



50, 4.982, 346.087



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, 20.622, 347.567



83, 30.190, 348.079



68, 17.436, 23.681



39, 5.088, 346.247



35, 60.496, 4.728



4, 17.550, 355.002

Inverse Universe

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



68, 20.622, 347.567



83, 30.190, 348.079



77, 14.968, 201.420



39, 5.088, 346.247



35, 60.496, 4.728



4, 17.550, 355.002

Previews

White Background



This preview shows how the CIELCh color 68, 20.624, 347.565 looks on a white background.

Color Contrast Check

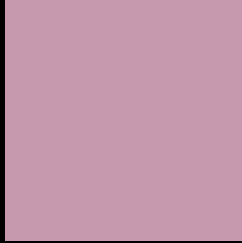
Large Text (above 18pt) WCAG AA × Fail

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, 20.624, 347.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

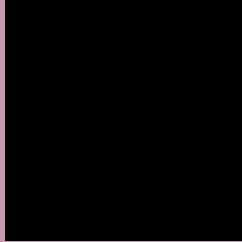
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 20.624, 347.565

Background



This preview shows how black text looks on a background with the CIELCh color 68, 20.624, 347.565.



This preview shows how white text looks on a background with the CIELCh color 68, 20.624, 347.565.

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, 20.624, 347.565

Protanopia
68, 8.819, 288.720

Deuteranopia
68, 9.513, 336.334



Tritanopia
68, 17.514, 359.136

Trichromacy



Original Color
68, 20.624, 347.565

Protanomaly
68, 11.433, 320.232

Deuteranomaly
68, 13.473, 342.984

Tritanomaly
68, 18.684, 353.313

Monochromacy



Original Color
68, 20.624, 347.565

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 7.833, 346.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 20.624, 347.565 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(198, 153, 174)` looks like.

```
.text, #text, p{  
    color:rgb(198, 153, 174)  
}
```

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(198, 153, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 153, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 20.624, 347.565 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(198, 153, 174) }
```

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

```
.border{ border-color:rgb(198, 153, 174) }
```

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

Here you see how a box with a 4 pixel rgb(198, 153, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 153, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 153, 174);  
box-shadow:4px 4px 4px 4px rgb(198, 153,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 20.624, 347.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 153, 174) }
```

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

```
.background{ background-color: rgb(198,  
153, 174) }
```

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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