

Converting Colors

CIELCh(68, 20.788, 343.626)

Have a look what the booklet for
CIELCh(68, 20.788, 343.626)
contains.

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Color

CIELCh(68, 20.574, 343.662)

Conversions

Conversions Part 1

Format	Color
Hex	C59AB1
RGB	197, 154, 177
RGB Percent	77%, 60%, 69%
CMY	0.2289, 0.3975, 0.3073
CMYK	0.00, 0.22, 0.10, 0.23
HSL	328°, 27%, 69%
HSV	328°, 22%, 77%
XYZ	42.3231, 37.9720, 46.5024
YIQ	169.4790, 18.2450, 16.2690

Conversions

Conversions Part 2

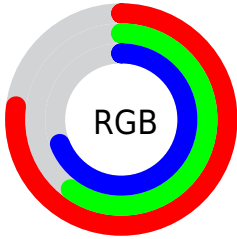
Format	Color
R_{YB}	197, 154, 177
Decimal	12950193
CIE _{Lab}	68.00, 19.74, -5.79
CIE _{LCh}	68, 20.574, 343.662
Yxy	37.9720, 0.3338, 0.2995
Android (android.graphics.Color)	4291140273 (0xFFC59AB1)
YUV	169.4790, 3.7079, 24.1359
Hunter-Lab	61.6215, 14.7606, -1.6080

Details

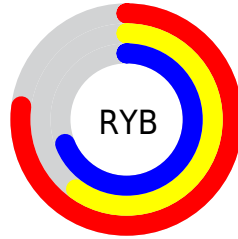
The CIELCh color $68, 20.574, 343.662$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 20.107, 159.947$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 20.445, 343.383$, and $48, 20.236, 344.738$ is the 20% darker color. If you saturate the color by 10%, you get $63, 30.100, 344.676$, and if you desaturate by 10%, it is $73, 11.063, 342.746$.

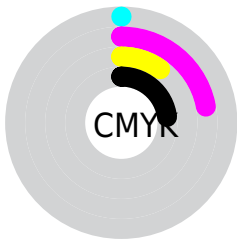
Distribution



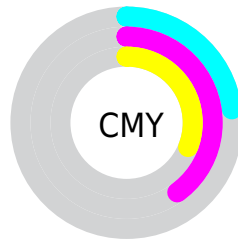
- Red (77%)
- Green (60%)
- Blue (69%)



- Red (77%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (10%)
- Black (23%)



- Cyan (23%)
- Magenta (40%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 20.574, 343.662 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, 20.574, 343.662 by changing the saturation by 10% instead.

 68, 20.574,
343.662

 68, 20.574,
343.662

 100, 20.574,
343.662


 58, 20.574,
343.662


 88, 20.574,
343.662

 48, 20.574,
343.662

 98, 20.574,
343.662

 38, 20.574,
343.662

 28, 20.574,
343.662

 18, 20.574,
343.662

 8, 20.574, 343.662

 0, 20.574, 343.662

68, 20.574,
343.662

68, 20.574,
343.662

63, 30.100,
344.676

73, 11.063,
342.746

58, 39.422,
345.819

78, 1.718, 341.737

84, 7.381, 161.268

54, 48.212,
347.142

89, 16.193,
160.550

50, 56.040,
348.713

95, 24.704,
159.905

47, 62.424,
350.626

96, 23.517,
167.091

45, 66.928,
353.011


96, 21.136,
177.652

43, 69.346,
356.017

96, 19.570,
190.321

43, 70.169,

358.908

 96, 19.126,
198.243

Harmonies

Complementary

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



68, 20.574, 343.662



76, 20.107, 159.947

Rectangle

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



68, 20.574, 343.662



68, 20.574, 33.662



68, 20.574, 163.662



68, 20.574, 213.662

Sweetspot

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



68, 20.572, 343.664



95, 8.024, 342.325



66, 24.893, 308.394



50, 5.217, 342.380



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, 20.572, 343.664



83, 30.295, 344.110



67, 17.098, 17.092



39, 5.326, 342.528



35, 61.215, 358.327



4, 18.220, 350.840

Inverse Universe

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



68, 20.572, 343.664



83, 30.295, 344.110



76, 15.009, 193.847



39, 5.326, 342.528



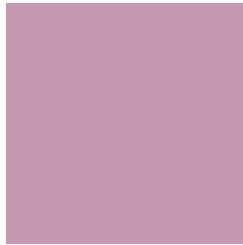
35, 61.215, 358.327



4, 18.220, 350.840

Previews

White Background



This preview shows how the CIELCh color 68, 20.574, 343.662 looks on a white background.

Color Contrast Check

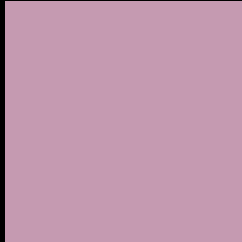
Large Text (above 18pt) WCAG AA × Fail

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, 20.574, 343.662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

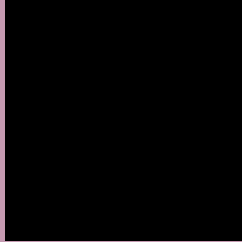
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 20.574, 343.662

Background



This preview shows how black text looks on a background with the CIELCh color 68, 20.574, 343.662.



This preview shows how white text looks on a background with the CIELCh color 68, 20.574, 343.662.

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, 20.574, 343.662

Protanopia
68, 10.469, 289.272

Deuteranopia
68, 10.053, 330.267



Tritanopia
68, 16.788, 358.031

Trichromacy



Original Color
68, 20.574, 343.662

Protanomaly
68, 12.399, 317.747

Deuteranomaly
68, 14.230, 336.679

Tritanomaly
68, 17.983, 352.038

Monochromacy



Original Color
68, 20.574, 343.662

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 7.849, 341.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 20.574, 343.662 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(197, 154, 177)` looks like.

```
.text, #text, p{  
    color:rgb(197, 154, 177)  
}
```

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(197, 154, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 154, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 20.574, 343.662 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(197, 154, 177) }
```

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

```
.border{ border-color:rgb(197, 154, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 154, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 154, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 154, 177); box-shadow:4px 4px 4px 4px rgb(197, 154, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 20.574, 343.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 154, 177) }
```

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

```
.background{ background-color: rgb(197,  
154, 177) }
```

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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