

Converting Colors

CIELCh(68, 19.963, 352.883)

Have a look what the booklet for
CIELCh(68, 19.963, 352.883)
contains.

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Color

CIELCh(68, 20.186, 352.223)

Conversions

Conversions Part 1

Format	Color
Hex	C799AB
RGB	199, 153, 171
RGB Percent	78%, 60%, 67%
CMY	0.2187, 0.3992, 0.3286
CMYK	0.00, 0.23, 0.14, 0.22
HSL	337°, 29%, 69%
HSV	337°, 23%, 78%
XYZ	42.4087, 37.9720, 43.7289
YIQ	168.8060, 21.6380, 15.3500

Conversions

Conversions Part 2

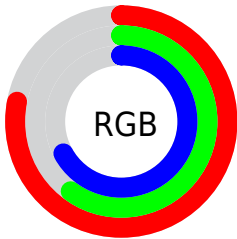
Format	Color
RYB	199, 153, 171
Decimal	13081003
CIELab	68.00, 20.00, -2.73
CIELCh	68, 20.186, 352.223
Yxy	37.9720, 0.3417, 0.3060
Android (android.graphics.Color)	4291271083 (0xFFC799AB)
YUV	168.8060, 1.0816, 26.4801
Hunter-Lab	61.6215, 15.0085, 1.0606

Details

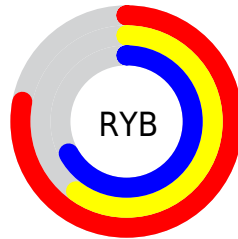
The CIELCh color **68, 20.186, 352.223** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77, 19.259, 167.791**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 19.485, 352.258**, and **48, 19.810, 352.001** is the 20% darker color. If you saturate the color by 10%, you get **63, 29.189, 353.472**, and if you desaturate by 10%, it is **73, 11.288, 351.135**.

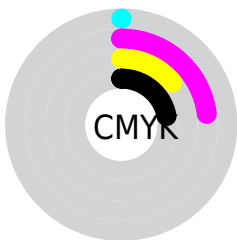
Distribution



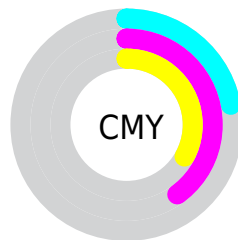
- Red (78%)
- Green (60%)
- Blue (67%)



- Red (78%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (14%)
- Black (22%)




- Cyan (22%)
- Magenta (40%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 20.186, 352.223 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, 20.186, 352.223 by changing the saturation by 10% instead.

 68, 20.186,
352.223

 68, 20.186,
352.223


 100, 20.186,
352.223


 58, 20.186,
352.223


 88, 20.186,
352.223

 48, 20.186,
352.223

 98, 20.186,
352.223

 38, 20.186,
352.223

 28, 20.186,
352.223

 18, 20.186,
352.223

 8, 20.186, 352.223

 0, 20.186, 352.223

68, 20.186,
352.223

68, 20.186,
352.223

63, 29.189,
353.472

73, 11.288,
351.135

58, 38.100,
354.935

79, 2.627, 350.061

84, 5.736, 169.465

54, 46.613,
356.697

90, 13.773,
168.660

50, 54.331,
358.869

95, 21.484,
167.959

47, 60.813, 1.599

96, 19.681,
181.450

45, 65.705, 5.063

43, 68.929, 9.418

96, 18.338,
198.293

42, 70.587, 12.823

Harmonies

Complementary

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



68, 20.186, 352.223



77, 19.259, 167.791

Rectangle

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



68, 20.186, 352.223



68, 20.186, 42.223



68, 20.186, 172.223



68, 20.186, 222.223

Sweetspot

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



68, 20.184, 352.226



95, 7.304, 350.522



67, 27.365, 313.481



50, 4.751, 350.585



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, 20.184, 352.226



82, 30.067, 352.865



69, 16.813, 29.402



39, 4.854, 350.756



34, 60.768, 11.975



4, 16.990, 359.381

Inverse Universe

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



68, 20.184, 352.226



82, 30.067, 352.865



76, 14.348, 208.388



39, 4.854, 350.756



34, 60.768, 11.975



4, 16.990, 359.381

Previews

White Background



This preview shows how the CIELCh color 68, 20.186, 352.223 looks on a white background.

Color Contrast Check

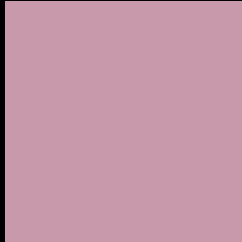
Large Text (above 18pt) WCAG AA × Fail

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, 20.186, 352.223 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, 20.186, 352.223

Background



This preview shows how black text looks on a background with the CIELCh color 68, 20.186, 352.223.



This preview shows how white text looks on a background with the CIELCh color 68, 20.186, 352.223.

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, 20.186, 352.223

Protanopia
68, 7.166, 290.915

Deuteranopia
68, 8.785, 345.948



Tritanopia
68, 18.636, 0.659

Trichromacy



Original Color
68, 20.186, 352.223

Protanomaly
68, 10.253, 326.644

Deuteranomaly
68, 12.911, 349.974

Tritanomaly
68, 18.976, 357.515

Monochromacy



Original Color
68, 20.186, 352.223

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 7.547, 349.484

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 20.186, 352.223 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(199, 153, 171)` looks like.

```
.text, #text, p{  
    color:rgb(199, 153, 171)  
}
```

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(199, 153, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 153, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 20.186, 352.223 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(199, 153, 171) }
```

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

```
.border{ border-color:rgb(199, 153, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 153, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 153, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 153, 171); box-shadow:4px 4px 4px 4px rgb(199, 153, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 20.186, 352.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 153, 171) }
```

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

```
.background{ background-color: rgb(199,  
153, 171) }
```

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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