

Converting Colors

CIELCh(68, 19.020, 327.749)

Have a look what the booklet for
CIELCh(68, 19.020, 327.749)
contains.

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Color

CIELCh(68, 18.608, 328.180)

Conversions

Conversions Part 1

Format	Color
Hex	BB9DB8
RGB	187, 157, 184
RGB Percent	73%, 62%, 72%
CMY	0.2680, 0.3856, 0.2797
CMYK	0.00, 0.16, 0.02, 0.27
HSL	306°, 18%, 67%
HSV	306°, 16%, 73%
XYZ	41.0290, 37.9720, 50.3297
YIQ	169.0480, 9.2130, 14.7570

Conversions

Conversions Part 2

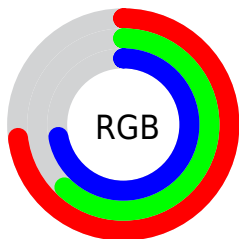
Format	Color
R_{YB}	187, 157, 184
Decimal	12295608
CIE _{Lab}	68.00, 15.81, -9.81
CIE _{LCh}	68, 18.608, 328.180
Yxy	37.9720, 0.3172, 0.2936
Android (android.graphics.Color)	4290485688 (0xFFBB9DB8)
YUV	169.0480, 7.3713, 15.7439
Hunter-Lab	61.6215, 11.0120, -5.2905

Details

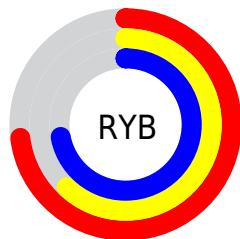
The CIELCh color $68, 18.608, 328.180$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 18.573, 146.259$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 18.322, 327.898$, and $48, 18.395, 328.657$ is the 20% darker color. If you saturate the color by 10%, you get $63, 30.227, 328.770$, and if you desaturate by 10%, it is $73, 6.987, 327.579$.

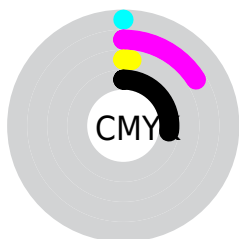
Distribution



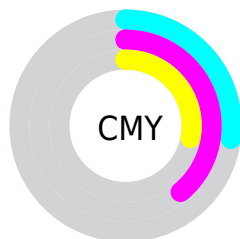
- Red (73%)
- Green (62%)
- Blue (72%)



- Red (73%)
- Yellow (62%)
- Blue (72%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (27%)





- Cyan (27%)
- Magenta (39%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 18.608, 328.180 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, 18.608, 328.180 by changing the saturation by 10% instead.


 68, 18.608,
328.180


 68, 18.608,
328.180


 100, 18.608,
328.180


 58, 18.608,
328.180


 88, 18.608,
328.180

 48, 18.608,
328.180

 98, 18.608,
328.180

 38, 18.608,
328.180

 28, 18.608,
328.180

 18, 18.608,
328.180

 8, 18.608, 328.180

 0, 18.608, 328.180

68, 18.608,
328.180

68, 18.608,
328.180

63, 30.227,
328.770

73, 6.987, 327.579

59, 41.624,
329.355

78, 4.479, 147.113

83, 15.696,
146.525

55, 52.479,
329.929

88, 26.613,
145.995

51, 62.386,
330.484

93, 37.204,
145.493

48, 70.875,
331.014

94, 39.417,
145.961

46, 77.482,
331.518


94, 38.654,
146.804

44, 81.871,
332.001

94, 37.897,
147.678

44, 83.989,

332.477

 94, 37.147,
148.585

 43, 84.515,
332.664

Harmonies

Complementary

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



68, 18.608, 328.180



73, 18.573, 146.259

Rectangle

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



68, 18.608, 328.180



68, 18.608, 18.180



68, 18.608, 148.180



68, 18.608, 198.180

Sweetspot

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



68, 18.606, 328.180



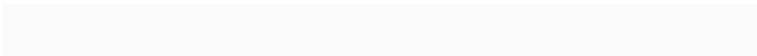
93, 7.115, 327.516



66, 16.701, 294.944



49, 4.896, 327.562



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



68, 18.606, 328.180



84, 27.222, 328.372



68, 13.387, 349.854



37, 6.600, 327.782



36, 74.819, 332.602



3, 19.472, 329.275

Inverse Universe

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



68, 18.606, 328.180



84, 27.222, 328.372



73, 13.003, 166.981



37, 6.600, 327.782



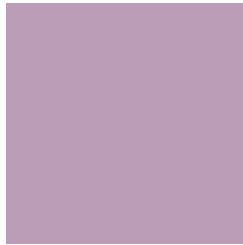
36, 74.819, 332.602



3, 19.472, 329.275

Previews

White Background



This preview shows how the CIELCh color 68, 18.608, 328.180 looks on a white background.

Color Contrast Check

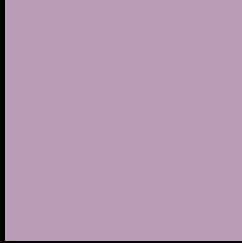
Large Text (above 18pt) WCAG AA × Fail

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, 18.608, 328.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

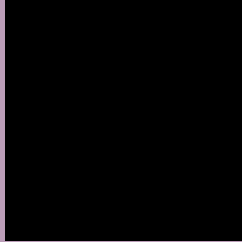
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 18.608, 328.180

Background



This preview shows how black text looks on a background with the CIELCh color 68, 18.608, 328.180.



This preview shows how white text looks on a background with the CIELCh color 68, 18.608, 328.180.

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, 18.608, 328.180

Protanopia

68, 13.243, 286.911

Deuteranopia

68, 13.100, 312.673



Tritanopia
68, 11.920, 346.978

Trichromacy



Original Color
68, 18.608, 328.180

Protanomaly
68, 14.222, 304.761

Deuteranomaly
68, 15.218, 320.375

Tritanomaly
68, 14.502, 337.768

Monochromacy



Original Color
68, 18.608, 328.180

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.245, 327.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 18.608, 328.180 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(187, 157, 184)` looks like.

```
.text, #text, p{  
    color:rgb(187, 157, 184)  
}
```

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(187, 157, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 157, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 18.608, 328.180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

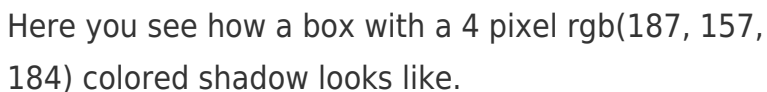
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 157, 184) }
```

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

```
.border{ border-color:rgb(187, 157, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 157, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 157, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 157, 184); box-shadow:4px 4px 4px 4px rgb(187, 157, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 18.608, 328.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 157, 184) }
```

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

```
.background{ background-color: rgb(187,  
157, 184) }
```

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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