

Converting Colors

CIELCh(68, 23.649, 325.768)

Have a look what the booklet for
CIELCh(68, 23.649, 325.768)
contains.

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Color

CIELCh(68, 23.855, 325.461)

Conversions

Conversions Part 1

Format	Color
Hex	BE9ABE
RGB	190, 154, 190
RGB Percent	75%, 60%, 75%
CMY	0.2533, 0.3946, 0.2533
CMYK	0.00, 0.19, 0.00, 0.25
HSL	300°, 22%, 68%
HSV	300°, 19%, 75%
XYZ	42.2922, 37.9720, 54.0438
YIQ	168.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

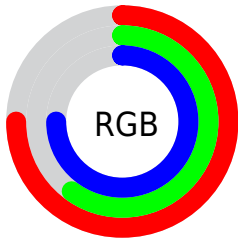
Format	Color
RYB	190, 154, 190
Decimal	12491454
CIELab	68.00, 19.65, -13.52
CIELCh	68, 23.855, 325.461
Yxy	37.9720, 0.3149, 0.2827
Android (android.graphics.Color)	4290681534 (0xFFBE9ABE)
YUV	168.8680, 10.4181, 18.5328
Hunter-Lab	61.6215, 14.6712, -8.8640

Details

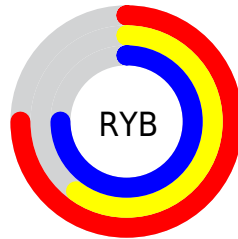
The CIELCh color $68, 23.855, 325.461$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 23.835, 143.257$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 23.526, 325.996$, and $48, 23.737, 324.912$ is the 20% darker color. If you saturate the color by 10%, you get $63, 36.436, 325.998$, and if you desaturate by 10%, it is $73, 11.196, 324.906$.

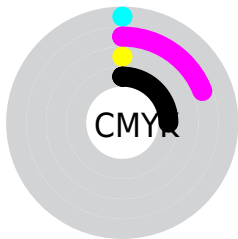
Distribution



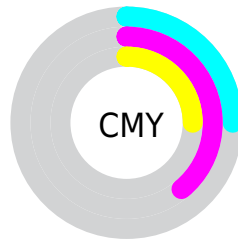
- Red (75%)
- Green (60%)
- Blue (75%)



- Red (75%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)




- Cyan (25%)
- Magenta (39%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 23.855, 325.461 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, 23.855, 325.461 by changing the saturation by 10% instead.

 68, 23.855,
325.461


 68, 23.855,
325.461


 100, 23.855,
325.461

 58, 23.855,
325.461


 88, 23.855,
325.461

 48, 23.855,
325.461

 98, 23.855,
325.461

 38, 23.855,
325.461

 28, 23.855,
325.461

 18, 23.855,
325.461

 8, 23.855, 325.461

 0, 23.855, 325.461

68, 23.855,
325.461

68, 23.855,
325.461

63, 36.436,
325.998

73, 11.196,
324.906

59, 48.672,
326.509

78, 1.343, 144.572

55, 60.195,
326.978

83, 13.641,
143.874

52, 70.561,
327.390

88, 25.625,
143.352

49, 79.286,
327.729

93, 37.254,
142.858

47, 85.944,
327.981

94, 40.491,
142.723


46, 90.289,
328.144


94, 40.491,
142.723

45, 92.560,

94, 40.490,
142.724

328.228

 94, 40.489,
142.725

 45, 92.769,
328.236

Harmonies

Complementary

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



68, 23.855, 325.461



74, 23.835, 143.257

Rectangle

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



68, 23.855, 325.461



68, 23.855, 15.461



68, 23.855, 145.461



68, 23.855, 195.461

Sweetspot

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



68, 23.853, 325.461



94, 9.305, 324.742



65, 20.058, 292.275



50, 6.225, 324.782



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



68, 23.853, 325.461



84, 35.886, 325.703



67, 16.916, 345.274



37, 7.068, 324.931



37, 80.844, 328.236



3, 21.488, 325.463

Inverse Universe

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



68, 23.853, 325.461



84, 35.886, 325.703



74, 16.522, 162.028



37, 7.068, 324.931



37, 80.844, 328.236



3, 21.488, 325.463

Previews

White Background



This preview shows how the CIELCh color 68, 23.855, 325.461 looks on a white background.

Color Contrast Check

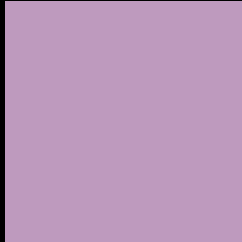
Large Text (above 18pt) WCAG AA × Fail

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, 23.855, 325.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

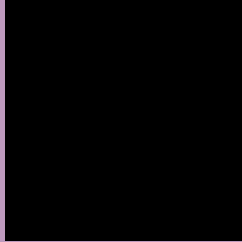
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 23.855, 325.461

Background



This preview shows how black text looks on a background with the CIELCh color 68, 23.855, 325.461.



This preview shows how white text looks on a background with the CIELCh color 68, 23.855, 325.461.

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, 23.855, 325.461

Protanopia

68, 18.234, 286.584

Deuteranopia

68, 15.295, 303.865



Tritanopia
68, 13.244, 350.877

Trichromacy



Original Color
68, 23.855, 325.461

Protanomaly
68, 19.093, 301.627

Deuteranomaly
68, 18.516, 313.594

Tritanomaly
68, 16.342, 338.736

Monochromacy



Original Color
68, 23.855, 325.461

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 8.685, 324.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 23.855, 325.461 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(190, 154, 190)` looks like.

```
.text, #text, p{  
    color:rgb(190, 154, 190)  
}
```

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(190, 154, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 154, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 23.855, 325.461 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(190, 154, 190) }
```

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

```
.border{ border-color:rgb(190, 154, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 154, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 154, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 154, 190);  
box-shadow:4px 4px 4px 4px rgb(190, 154,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 23.855, 325.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 154, 190) }
```

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

```
.background{ background-color: rgb(190,  
154, 190) }
```

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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