

Converting Colors

CIELCh(68, 26.066, 315.424)

Have a look what the booklet for
CIELCh(68, 26.066, 315.424)
contains.

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Color

CIELCh(68, 25.822, 315.080)

Conversions

Conversions Part 1

Format	Color
Hex	B89CC7
RGB	184, 156, 199
RGB Percent	72%, 61%, 78%
CMY	0.2794, 0.3891, 0.2206
CMYK	0.08, 0.22, 0.00, 0.22
HSL	279°, 28%, 70%
HSV	279°, 22%, 78%
XYZ	41.8399, 37.9720, 59.0093
YIQ	169.2740, 2.8850, 19.3090

Conversions

Conversions Part 2

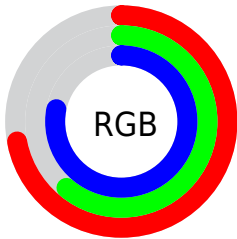
Format	Color
RYB	184, 156, 199
Decimal	12098759
CIELab	68.00, 18.28, -18.23
CIElCh	68, 25.822, 315.080
Yxy	37.9720, 0.3014, 0.2735
Android (android.graphics.Color)	4290288839 (0xFFB89CC7)
YUV	169.2740, 14.6549, 12.9147
Hunter-Lab	61.6215, 13.3607, -13.6416

Details

The CIELCh color $68, 25.822, 315.080$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 25.326, 133.207$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 25.162, 315.154$, and $48, 25.578, 315.280$ is the 20% darker color. If you saturate the color by 10%, you get $63, 38.055, 315.525$, and if you desaturate by 10%, it is $74, 13.738, 314.637$.

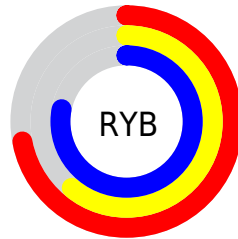
Distribution



Red (72%)

Green (61%)

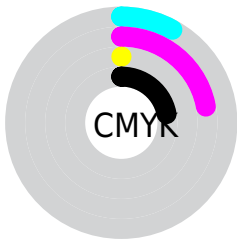
Blue (78%)



Red (72%)

Yellow (61%)

Blue (78%)

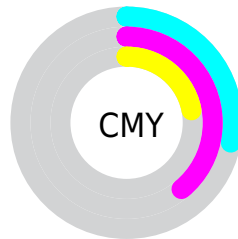


Cyan (8%)

Magenta (22%)

Yellow (0%)

Black (22%)



Cyan (28%)


Magenta (39%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 25.822, 315.080 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, 25.822, 315.080 by changing the saturation by 10% instead.


 68, 25.822,
315.080


 68, 25.822,
315.080


 100, 25.822,
315.080


 58, 25.822,
315.080


 88, 25.822,
315.080

 48, 25.822,
315.080

 98, 25.822,
315.080

 38, 25.822,
315.080

 28, 25.822,
315.080

 18, 25.822,
315.080

 8, 25.822, 315.080

 0, 25.822, 315.080

68, 25.822,
315.080

68, 25.822,
315.080

63, 38.055,
315.525

74, 13.738,
314.637

57, 50.279,
315.956

79, 1.907, 314.146

85, 9.622, 133.861

52, 62.222,
316.342

91, 20.826,
133.494

47, 73.485,
316.638

96, 31.609,
133.139

43, 83.512,
316.785

97, 30.570,
129.000

40, 91.643,
316.708

97, 29.701,
124.519

37, 97.266,
316.333

98, 29.030,
119.731

36, 100.233,

315.816

 98, 28.579,
114.688

Harmonies

Complementary

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



68, 25.822, 315.080



77, 25.326, 133.207

Rectangle

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



68, 25.822, 315.080



68, 25.822, 5.080



68, 25.822, 135.080



68, 25.822, 185.080

Sweetspot

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



68, 25.820, 315.080



96, 8.626, 314.393



70, 16.018, 272.906



51, 5.725, 314.423



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, 25.820, 315.080



82, 38.156, 315.292



69, 25.500, 330.136



39, 6.687, 314.539



29, 86.508, 315.963



3, 23.181, 311.862

Inverse Universe

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



69, 18.425, 354.824



83, 27.290, 355.405



76, 25.433, 147.362



39, 4.737, 353.479



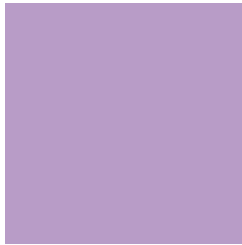
34, 61.421, 16.011



4, 16.746, 1.704

Previews

White Background



This preview shows how the CIELCh color 68, 25.822, 315.080 looks on a white background.

Color Contrast Check

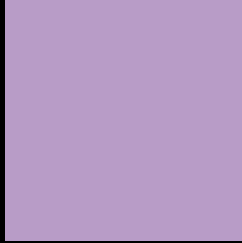
Large Text (above 18pt) WCAG AA × Fail

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, 25.822, 315.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

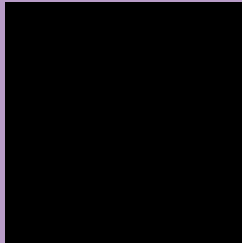
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 25.822, 315.080

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.822, 315.080.



This preview shows how white text looks on a background with the CIELCh color 68, 25.822, 315.080.

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, 25.822, 315.080

Protanopia
68, 22.684, 285.644

Deuteranopia
68, 19.943, 296.176



Tritanopia
68, 10.443, 337.142

Trichromacy



Original Color
68, 25.822, 315.080

Protanomaly
68, 23.286, 296.724

Deuteranomaly
68, 21.472, 303.569

Tritanomaly
68, 15.799, 323.990

Monochromacy



Original Color
68, 25.822, 315.080

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.597, 313.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.822, 315.080 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(184, 156, 199)` looks like.

```
.text, #text, p{  
    color:rgb(184, 156, 199)  
}
```

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(184, 156, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 156, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.822, 315.080 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(184, 156, 199) }
```

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

```
.border{ border-color:rgb(184, 156, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 156, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 156, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 156, 199);  
box-shadow:4px 4px 4px 4px rgb(184, 156,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.822, 315.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 156, 199) }
```

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

```
.background{ background-color: rgb(184,  
156, 199) }
```

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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