

Converting Colors

CIELCh(68, 24.471, 316.441)

Have a look what the booklet for
CIELCh(68, 24.471, 316.441)
contains.

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Color

CIELCh(68, 24.332, 316.591)

Conversions

Conversions Part 1

Format	Color
Hex	B89CC4
RGB	184, 156, 196
RGB Percent	72%, 61%, 77%
CMY	0.2783, 0.3881, 0.2312
CMYK	0.06, 0.20, 0.00, 0.23
HSL	282°, 25%, 69%
HSV	282°, 20%, 77%
XYZ	41.6395, 37.9720, 57.3825
YIQ	168.9320, 3.8480, 18.3760

Conversions

Conversions Part 2

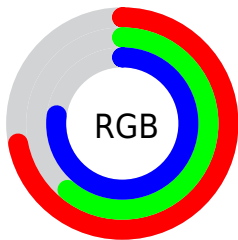
Format	Color
RYB	184, 156, 196
Decimal	12098756
CIELab	68.00, 17.68, -16.72
CIELCh	68, 24.332, 316.591
Yxy	37.9720, 0.3040, 0.2772
Android (android.graphics.Color)	4290288836 (0xFFB89CC4)
YUV	168.9320, 13.3445, 13.2146
Hunter-Lab	61.6215, 12.7804, -12.0764

Details

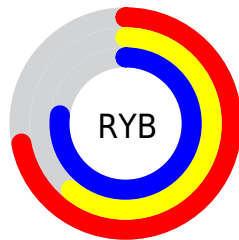
The CIELCh color $68, 24.332, 316.591$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 23.961, 134.814$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 24.218, 316.132$, and $48, 23.992, 316.896$ is the 20% darker color. If you saturate the color by 10%, you get $63, 36.503, 317.028$, and if you desaturate by 10%, it is $73, 12.288, 316.152$.

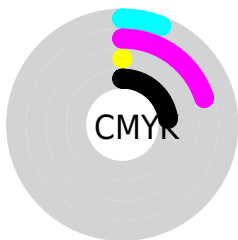
Distribution



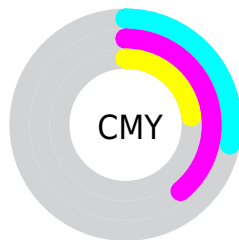
- Red (72%)
- Green (61%)
- Blue (77%)



- Red (72%)
- Yellow (61%)
- Blue (77%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)
- Black (23%)




- Cyan (28%)
- Magenta (39%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 24.332, 316.591 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, 24.332, 316.591 by changing the saturation by 10% instead.


 68, 24.332,
316.591


 68, 24.332,
316.591


 100, 24.332,
316.591


 58, 24.332,
316.591


 88, 24.332,
316.591

 48, 24.332,
316.591

 98, 24.332,
316.591

 38, 24.332,
316.591

 28, 24.332,
316.591

 18, 24.332,
316.591

 8, 24.332, 316.591

 0, 24.332, 316.591

68, 24.332,
316.591

68, 24.332,
316.591

63, 36.503,
317.028

73, 12.288,
316.152

58, 48.633,
317.447

79, 0.479, 315.380

53, 60.452,
317.820

84, 11.039,
135.376

48, 71.562,
318.106

90, 22.238,
135.006

44, 81.434,
318.252

96, 33.111,
134.671

41, 89.445,
318.195

96, 32.718,
131.611


38, 95.034,
317.871

97, 31.869,
128.185

37, 98.269,

97, 31.141,
124.536

317.325

 97, 30.548,
120.679

Harmonies

Complementary

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



68, 24.332, 316.591



76, 23.961, 134.814

Rectangle

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



68, 24.332, 316.591



68, 24.332, 6.591



68, 24.332, 136.591



68, 24.332, 186.591

Sweetspot

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



68, 24.330, 316.591



96, 8.735, 315.960



69, 15.519, 275.312



51, 5.798, 315.990



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, 24.330, 316.591



84, 35.540, 316.765



69, 23.237, 331.206



38, 6.627, 316.106



30, 84.716, 317.464



3, 21.210, 313.144

Inverse Universe

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



68, 16.768, 358.019



84, 24.583, 358.508



76, 23.156, 148.546



38, 4.518, 356.783



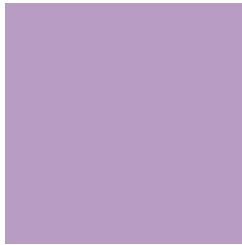
33, 61.857, 20.446



3, 14.614, 3.478

Previews

White Background



This preview shows how the CIELCh color 68, 24.332, 316.591 looks on a white background.

Color Contrast Check

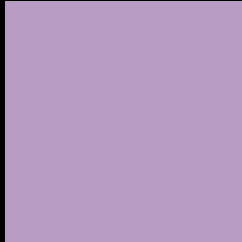
Large Text (above 18pt) WCAG AA × Fail

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, 24.332, 316.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

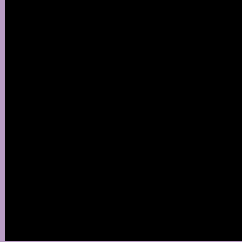
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 24.332, 316.591

Background



This preview shows how black text looks on a background with the CIELCh color 68, 24.332, 316.591.



This preview shows how white text looks on a background with the CIELCh color 68, 24.332, 316.591.

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





Tritanopia
68, 10.443, 337.142

Trichromacy



Original Color
68, 24.332, 316.591

Protanomaly
68, 21.675, 297.839

Deuteranomaly
68, 20.025, 306.445

Tritanomaly
68, 14.675, 325.084

Monochromacy



Original Color
68, 24.332, 316.591

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.094, 314.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 24.332, 316.591 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(184, 156, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 156, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 24.332, 316.591 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, 196) }
```

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

```
.border{ border-color:rgb(184, 156, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 156, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 156, 196);  
box-shadow:4px 4px 4px 4px rgb(184, 156,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 24.332, 316.591 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, 196) }
```

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

```
.background{ background-color: rgb(184,  
156, 196) }
```

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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