

Converting Colors

CIELCh(68, 24.035, 324.935)

Have a look what the booklet for
CIELCh(68, 24.035, 324.935)
contains.

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Color

CIELCh(68, 24.302, 324.729)

Conversions

Conversions Part 1

Format	Color
Hex	BE9ABF
RGB	190, 154, 191
RGB Percent	75%, 60%, 75%
CMY	0.2537, 0.3949, 0.2498
CMYK	0.01, 0.19, 0.00, 0.25
HSL	298°, 23%, 68%
HSV	298°, 19%, 75%
XYZ	42.3556, 37.9720, 54.5656
YIQ	168.9820, 9.5790, 19.1390

Conversions

Conversions Part 2

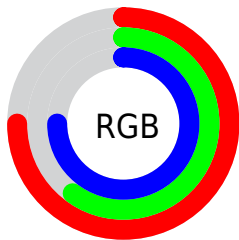
Format	Color
R_{YB}	190, 154, 191
Decimal	12491455
CIE _{Lab}	68.00, 19.84, -14.03
CIE _{LCh}	68, 24.302, 324.729
Yxy	37.9720, 0.3140, 0.2815
Android (android.graphics.Color)	4290681535 (0xFFBE9ABF)
YUV	168.9820, 10.8549, 18.4328
Hunter-Lab	61.6215, 14.8547, -9.3661

Details

The CIELCh color $68, 24.302, 324.729$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 24.259, 142.550$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 23.948, 325.279$, and $48, 24.216, 324.146$ is the 20% darker color. If you saturate the color by 10%, you get $63, 36.850, 325.248$, and if you desaturate by 10%, it is $73, 11.687, 324.193$.

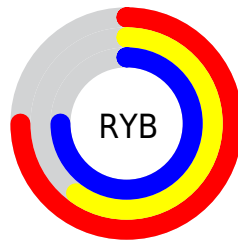
Distribution



Red (75%)

Green (60%)

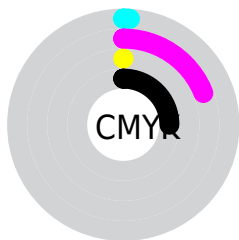
Blue (75%)



Red (75%)

Yellow (60%)

Blue (75%)

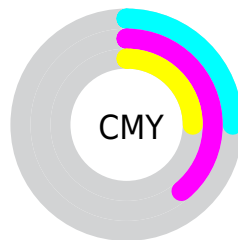


Cyan (1%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (25%)

Magenta (39%)


Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 24.302, 324.729 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, 24.302, 324.729 by changing the saturation by 10% instead.

 68, 24.302,
324.729


 68, 24.302,
324.729


 100, 24.302,
324.729


 58, 24.302,
324.729


 88, 24.302,
324.729

 48, 24.302,
324.729

 98, 24.302,
324.729

 38, 24.302,
324.729

 28, 24.302,
324.729

 18, 24.302,
324.729

 8, 24.302, 324.729

 0, 24.302, 324.729

68, 24.302,
324.729

68, 24.302,
324.729

63, 36.850,
325.248

73, 11.687,
324.193

59, 49.070,
325.739

78, 0.804, 143.993

55, 60.598,
326.185

83, 13.055,
143.196

52, 70.989,
326.569

88, 24.993,
142.692

49, 79.751,
326.870

93, 36.583,
142.217

47, 86.442,
327.072

95, 39.501,
141.950


45, 90.797,
327.167


95, 39.398,
141.749

45, 93.089,

95, 39.294,
141.548

327.168

 95, 39.191,
141.344

 45, 93.220,
327.167

Harmonies

Complementary

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



68, 24.302, 324.729



74, 24.259, 142.550

Rectangle

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



68, 24.302, 324.729



68, 24.302, 14.729



68, 24.302, 144.729



68, 24.302, 194.729

Sweetspot

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



68, 24.300, 324.729



95, 9.304, 324.011



65, 19.896, 291.021



50, 6.173, 324.048



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, 24.300, 324.729



84, 35.912, 324.940



68, 17.753, 343.506



38, 7.165, 324.194



37, 81.906, 327.180



4, 23.881, 325.205

Inverse Universe

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



67, 14.673, 18.635



83, 21.996, 19.052



74, 17.394, 160.273



38, 4.187, 17.735



33, 72.664, 38.632



3, 14.009, 17.930

Previews

White Background



This preview shows how the CIELCh color 68, 24.302, 324.729 looks on a white background.

Color Contrast Check

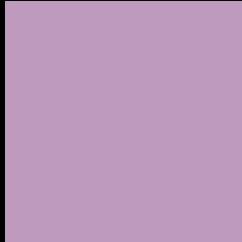
Large Text (above 18pt) WCAG AA × Fail

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, 24.302, 324.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

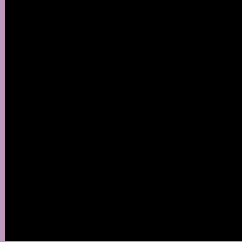
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 24.302, 324.729

Background



This preview shows how black text looks on a background with the CIELCh color 68, 24.302, 324.729.



This preview shows how white text looks on a background with the CIELCh color 68, 24.302, 324.729.

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, 24.302, 324.729

Protanopia

68, 18.781, 286.811

Deuteranopia

68, 15.832, 303.468



Tritanopia
68, 12.911, 349.974

Trichromacy



Original Color
68, 24.302, 324.729

Protanomaly
68, 20.260, 302.162

Deuteranomaly
68, 18.516, 313.594

Tritanomaly
68, 16.433, 336.360

Monochromacy



Original Color
68, 24.302, 324.729

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, 24.302, 324.729 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(190, 154, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 154, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 24.302, 324.729 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, 191) }
```

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

```
.border{ border-color:rgb(190, 154, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 154, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 154, 191);  
box-shadow:4px 4px 4px 4px rgb(190, 154,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 24.302, 324.729 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, 191) }
```

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

```
.background{ background-color: rgb(190,  
154, 191) }
```

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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