

Converting Colors

CIELCh(68, 25.223, 321.213)

Have a look what the booklet for
CIELCh(68, 25.223, 321.213)
contains.

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Color

CIELCh(68, 24.657, 321.086)

Conversions

Conversions Part 1

Format	Color
Hex	BC9BC2
RGB	188, 155, 194
RGB Percent	74%, 61%, 76%
CMY	0.2632, 0.3926, 0.2397
CMYK	0.03, 0.20, 0.00, 0.24
HSL	291°, 24%, 68%
HSV	291°, 20%, 76%
XYZ	42.1379, 37.9720, 56.0790
YIQ	169.3130, 7.1490, 19.1250

Conversions

Conversions Part 2

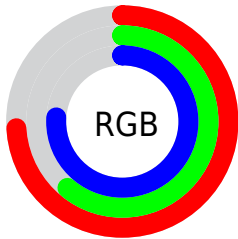
Format	Color
RYB	188, 155, 194
Decimal	12360642
CIELab	68.00, 19.19, -15.49
CIELCh	68, 24.657, 321.086
Yxy	37.9720, 0.3094, 0.2788
Android (android.graphics.Color)	4290550722 (0xFFBC9BC2)
YUV	169.3130, 12.1707, 16.3885
Hunter-Lab	61.6215, 14.2240, -10.8222

Details

The CIELCh color $68, 24.657, 321.086$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 24.479, 139.135$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 24.534, 320.417$, and $48, 24.139, 320.928$ is the 20% darker color. If you saturate the color by 10%, you get $63, 37.016, 321.542$, and if you desaturate by 10%, it is $73, 12.315, 320.616$.

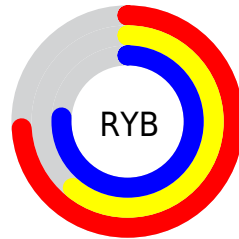
Distribution



Red (74%)

Green (61%)

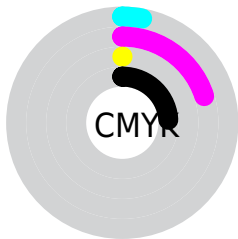
Blue (76%)



Red (74%)

Yellow (61%)

Blue (76%)

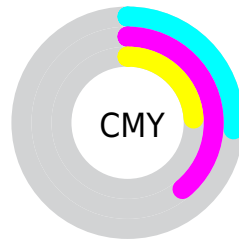


Cyan (3%)

Magenta (20%)

Yellow (0%)

Black (24%)



Cyan (26%)

Magenta (39%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 24.657, 321.086 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, 24.657, 321.086 by changing the saturation by 10% instead.

 68, 24.657,
321.086

 68, 24.657,
321.086


 100, 24.657,
321.086


 58, 24.657,
321.086


 88, 24.657,
321.086

 48, 24.657,
321.086

 98, 24.657,
321.086

 38, 24.657,
321.086

 28, 24.657,
321.086

 18, 24.657,
321.086

 8, 24.657, 321.086

 0, 24.657, 321.086

68, 24.657,
321.086

68, 24.657,
321.086

63, 37.016,
321.542

73, 12.315,
320.616

58, 49.173,
321.970

78, 0.143, 318.667

54, 60.800,
322.346

84, 11.771,
139.758

50, 71.466,
322.639

89, 23.377,
139.331

47, 80.652,
322.815

94, 34.651,
138.935

44, 87.828,
322.835

95, 35.993,
137.732


42, 92.605,
322.668

96, 35.452,
136.318

41, 95.239,

96, 34.932,
134.847

322.337

 96, 34.434,
133.320

Harmonies

Complementary

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



68, 24.657, 321.086



75, 24.479, 139.135

Rectangle

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



68, 24.657, 321.086



68, 24.657, 11.086



68, 24.657, 141.086



68, 24.657, 191.086

Sweetspot

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



68, 24.655, 321.086



95, 9.026, 320.421



67, 18.055, 284.877



51, 6.039, 320.454



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, 24.655, 321.086



84, 36.518, 321.283



68, 20.436, 337.109



38, 6.898, 320.581



34, 82.830, 322.415



3, 22.424, 319.523

Inverse Universe

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



68, 15.614, 8.782



83, 23.355, 9.309



75, 20.230, 154.131



38, 4.267, 7.600



33, 67.428, 32.110



3, 14.177, 11.064

Previews

White Background



This preview shows how the CIELCh color 68, 24.657, 321.086 looks on a white background.

Color Contrast Check

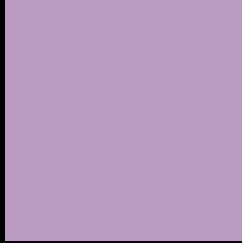
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 68, 24.657, 321.086 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, 24.657, 321.086

Background



This preview shows how black text looks on a background with the CIELCh color 68, 24.657, 321.086.



This preview shows how white text looks on a background with the CIELCh color 68, 24.657, 321.086.

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, 24.657, 321.086

Protanopia
68, 19.900, 286.263

Deuteranopia
68, 17.329, 300.121



Tritanopia
68, 11.920, 346.978

Trichromacy



Original Color
68, 24.657, 321.086

Protanomaly
68, 20.668, 299.993

Deuteranomaly
68, 19.817, 309.875

Tritanomaly
68, 15.641, 333.302

Monochromacy



Original Color
68, 24.657, 321.086

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 8.948, 320.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 24.657, 321.086 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(188, 155, 194)` looks like.

```
.text, #text, p{  
    color:rgb(188, 155, 194)  
}
```

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(188, 155, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 155, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 24.657, 321.086 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(188, 155, 194) }
```

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

```
.border{ border-color:rgb(188, 155, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 155, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 155, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 155, 194);  
box-shadow:4px 4px 4px 4px rgb(188, 155,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 24.657, 321.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 155, 194) }
```

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

```
.background{ background-color: rgb(188,  
155, 194) }
```

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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