

Converting Colors

CIELCh(67, 23.280, 319.995)

Have a look what the booklet for
CIELCh(67, 23.280, 319.995)
contains.

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Color

CIELCh(67, 23.256, 319.991)

Conversions

Conversions Part 1

Format	Color
Hex	B799BE
RGB	183, 153, 190
RGB Percent	72%, 60%, 75%
CMY	0.2818, 0.3995, 0.2544
CMYK	0.04, 0.19, 0.00, 0.25
HSL	289°, 22%, 67%
HSV	289°, 19%, 75%
XYZ	40.2815, 36.6320, 53.7396
YIQ	166.1880, 6.0030, 17.8670

Conversions

Conversions Part 2

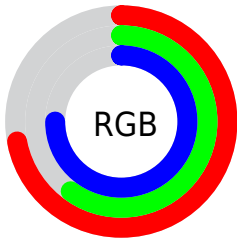
Format	Color
RYB	183, 153, 190
Decimal	12032446
CIELab	67.00, 17.81, -14.95
CIELCh	67, 23.256, 319.991
Yxy	36.6320, 0.3083, 0.2804
Android (android.graphics.Color)	4290222526 (0xFFB799BE)
YUV	166.1880, 11.7393, 14.7441
Hunter-Lab	60.5244, 12.8817, -10.2765

Details

The CIELCh color $67, 23.256, 319.991$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 23.053, 138.176$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 23.362, 320.131$, and $47, 23.364, 319.904$ is the 20% darker color. If you saturate the color by 10%, you get $62, 35.346, 320.437$, and if you desaturate by 10%, it is $72, 11.221, 319.533$.

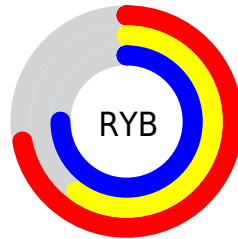
Distribution



Red (72%)

Green (60%)

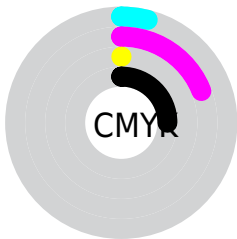
Blue (75%)



Red (72%)

Yellow (60%)

Blue (75%)

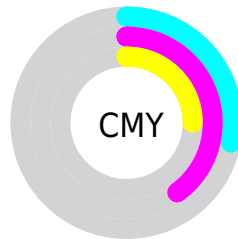


Cyan (4%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (28%)


Magenta (40%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 23.256, 319.991 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 67, 23.256, 319.991 by changing the saturation by 10% instead.


 67, 23.256,
319.991


 67, 23.256,
319.991


 100, 23.256,
319.991


 57, 23.256,
319.991


 87, 23.256,
319.991

 47, 23.256,
319.991

 97, 23.256,
319.991

 37, 23.256,
319.991

 27, 23.256,
319.991

 17, 23.256,
319.991

 7, 23.256, 319.991

 0, 23.256, 319.991

67, 23.256,
319.991

67, 23.256,
319.991

62, 35.346,
320.437

72, 11.221,
319.533

57, 47.295,
320.858

77, 0.624, 139.439

53, 58.804,
321.230

83, 12.205,
138.707

49, 69.467,
321.520

88, 23.480,
138.301

45, 78.777,
321.689

93, 34.431,
137.926

42, 86.189,
321.692

95, 37.845,
136.781

40, 91.267,
321.491

95, 37.209,
135.136

39, 94.160,

96, 36.601,
133.417

321.095

■ 96, 36.025,
131.622

■ 39, 94.302,
321.073

Harmonies

Complementary

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



67, 23.256, 319.991



74, 23.053, 138.176

Rectangle

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



67, 23.256, 319.991



67, 23.256, 9.991



67, 23.256, 139.991



67, 23.256, 189.991

Sweetspot

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



67, 23.254, 319.991



93, 8.787, 319.374



66, 16.529, 282.910



50, 5.879, 319.406



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



67, 23.254, 319.991



83, 34.100, 320.167



67, 19.915, 335.627



37, 6.680, 319.528



32, 82.236, 321.165



3, 19.660, 317.201

Inverse Universe

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



67, 14.967, 5.999



82, 22.115, 6.481



74, 19.757, 152.849



37, 4.219, 4.872



33, 65.069, 29.550



3, 12.503, 8.645

Previews

White Background



This preview shows how the CIELCh color 67, 23.256, 319.991 looks on a white background.

Color Contrast Check

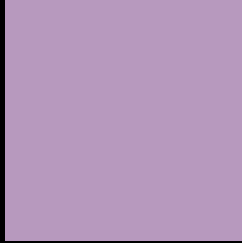
Large Text (above 18pt) WCAG AA × Fail

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 67, 23.256, 319.991 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 67, 23.256, 319.991

Background



This preview shows how black text looks on a background with the CIELCh color 67, 23.256, 319.991.



This preview shows how white text looks on a background with the CIELCh color 67, 23.256, 319.991.

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

67, 23.256, 319.991

Protanopia

67, 18.850, 285.805

Deuteranopia

67, 16.900, 301.579



Tritanopia
67, 11.006, 343.515

Trichromacy



Original Color
67, 23.256, 319.991

Protanomaly
67, 19.574, 299.355

Deuteranomaly
67, 18.706, 309.840

Tritanomaly
67, 14.947, 329.978

Monochromacy



Original Color
67, 23.256, 319.991

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 8.795, 318.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 23.256, 319.991 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(183, 153, 190)` looks like.

```
.text, #text, p{  
    color:rgb(183, 153, 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(183, 153, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 153, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 23.256, 319.991 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(183, 153, 190) }
```

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

```
.border{ border-color:rgb(183, 153, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 153, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 153, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 153, 190);  
box-shadow:4px 4px 4px 4px rgb(183, 153,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 23.256, 319.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 153, 190) }
```

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

```
.background{ background-color: rgb(183,  
153, 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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