

Converting Colors

CIELCh(67, 23.795, 307.775)

Have a look what the booklet for
CIELCh(67, 23.795, 307.775)
contains.

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Color

CIELCh(67, 23.661, 307.960)

Conversions

Conversions Part 1

Format	Color
Hex	AE9CC5
RGB	174, 156, 197
RGB Percent	68%, 61%, 77%
CMY	0.3190, 0.3896, 0.2289
CMYK	0.12, 0.21, 0.00, 0.23
HSL	266°, 26%, 69%
HSV	266°, 21%, 77%
XYZ	39.2421, 36.6320, 57.6067
YIQ	166.0560, -2.4330, 16.5670

Conversions

Conversions Part 2

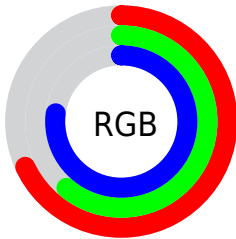
Format	Color
RYB	174, 156, 197
Decimal	11443397
CIELab	67.00, 14.55, -18.66
CIELCh	67, 23.661, 307.960
Yxy	36.6320, 0.2940, 0.2744
Android (android.graphics.Color)	4289633477 (0xFFAE9CC5)
YUV	166.0560, 15.2554, 6.9669
Hunter-Lab	60.5244, 9.8162, -14.0648

Details

The CIELCh color `67, 23.661, 307.960` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `77, 22.909, 125.915`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 23.541, 307.858`, and `47, 23.375, 307.644` is the 20% darker color. If you saturate the color by 10%, you get `61, 35.503, 308.542`, and if you desaturate by 10%, it is `73, 12.124, 307.421`.

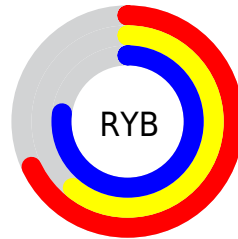
Distribution



Red (68%)

Green (61%)

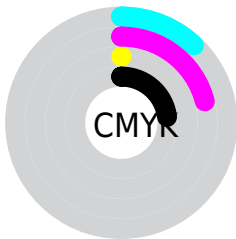
Blue (77%)



Red (68%)

Yellow (61%)

Blue (77%)

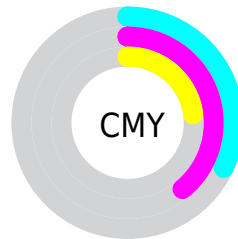


Cyan (12%)

Magenta (21%)

Yellow (0%)

Black (23%)



Cyan (32%)


Magenta (39%)

Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 23.661, 307.960 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, 23.661, 307.960 by changing the saturation by 10% instead.


 67, 23.661,
307.960


 67, 23.661,
307.960


 100, 23.661,
307.960


 57, 23.661,
307.960


 87, 23.661,
307.960

 47, 23.661,
307.960

 97, 23.661,
307.960

 37, 23.661,
307.960

 27, 23.661,
307.960

 17, 23.661,
307.960

 7, 23.661, 307.960

 0, 23.661, 307.960

67, 23.661,
307.960

67, 23.661,
307.960

61, 35.503,
308.542

73, 12.124,
307.421

55, 47.571,
309.157

79, 0.935, 306.844

85, 9.901, 126.527

50, 59.698,
309.779

91, 20.386,
126.144

44, 71.582,
310.360

97, 30.534,
125.811

39, 82.719,
310.826

98, 30.021,
118.855

35, 92.361,
311.068

98, 29.465,
110.979

32, 99.598,
310.955

99, 29.412,
107.942

29, 104.006,

Harmonies

Complementary

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



67, 23.661, 307.960



77, 22.909, 125.915

Rectangle

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



67, 23.661, 307.960



67, 23.661, 357.960



67, 23.661, 127.960



67, 23.661, 177.960

Sweetspot

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



67, 23.659, 307.959



96, 8.229, 307.179



72, 12.380, 250.668



50, 5.464, 307.213



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 23.659, 307.959



82, 35.276, 308.219



69, 26.479, 323.679



39, 6.387, 307.346



24, 90.432, 310.702



2, 22.147, 303.791

Inverse Universe

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



69, 19.942, 342.201



84, 29.611, 342.626



76, 26.392, 141.428



39, 5.423, 341.195



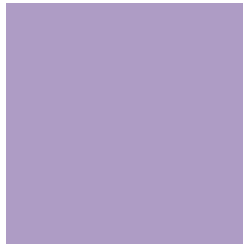
35, 61.718, 355.969



4, 18.522, 349.220

Previews

White Background



This preview shows how the CIELCh color 67, 23.661, 307.960 looks on a white background.

Color Contrast Check

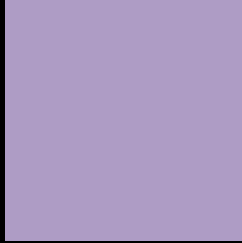
Large Text (above 18pt) WCAG AA × Fail

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 67, 23.661, 307.960 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, 23.661, 307.960

Background



This preview shows how black text looks on a background with the CIELCh color 67, 23.661, 307.960.



This preview shows how white text looks on a background with the CIELCh color 67, 23.661, 307.960.

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, 23.661, 307.960

Protanopia

67, 21.643, 285.186

Deuteranopia

67, 20.561, 296.139



Tritanopia
67, 8.143, 318.180

Trichromacy



Original Color
67, 23.661, 307.960

Protanomaly
67, 21.584, 293.281

Deuteranomaly
67, 21.335, 300.785

Tritanomaly
67, 14.174, 311.074

Monochromacy



Original Color
67, 23.661, 307.960

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 8.714, 308.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 23.661, 307.960 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(174, 156, 197)` looks like.

```
.text, #text, p{  
    color:rgb(174, 156, 197)  
}
```

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(174, 156, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 156, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 23.661, 307.960 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(174, 156, 197) }
```

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

```
.border{ border-color:rgb(174, 156, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 156, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 156, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 156, 197);  
box-shadow:4px 4px 4px 4px rgb(174, 156,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 23.661, 307.960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 156, 197) }
```

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

```
.background{ background-color: rgb(174,  
156, 197) }
```

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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