

Converting Colors

CIELCh(73, 23.689, 308.213)

Have a look what the booklet for
CIELCh(73, 23.689, 308.213)
contains.

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Color

CIELCh(73, 23.267, 307.878)

Conversions

Conversions Part 1

Format	Color
Hex	BEACD5
RGB	190, 172, 213
RGB Percent	75%, 67%, 84%
CMY	0.2555, 0.3261, 0.1654
CMYK	0.11, 0.19, 0.00, 0.17
HSL	266°, 33%, 75%
HSV	266°, 19%, 83%
XYZ	47.9039, 45.1644, 69.0305
YIQ	182.0560, -2.4330, 16.5670

Conversions

Conversions Part 2

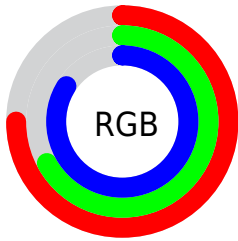
Format	Color
RYB	190, 172, 213
Decimal	12496085
CIELab	73.00, 14.29, -18.37
CIELCh	73, 23.267, 307.878
Yxy	45.1644, 0.2955, 0.2786
Android (android.graphics.Color)	4290686165 (0xFFBEACD5)
YUV	182.0560, 15.2554, 6.9669
Hunter-Lab	67.2044, 9.6284, -13.8579

Details

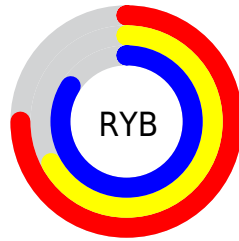
The CIELCh color $73, 23.267, 307.878$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $83, 22.581, 125.990$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 16.127, 316.637$, and $53, 22.876, 307.509$ is the 20% darker color. If you saturate the color by 10%, you get $67, 35.851, 308.457$, and if you desaturate by 10%, it is $79, 11.018, 307.343$.

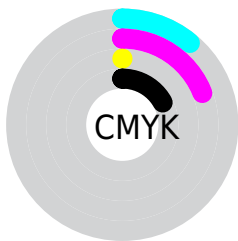
Distribution



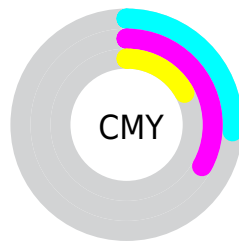
- Red (75%)
- Green (67%)
- Blue (84%)



- Red (75%)
- Yellow (67%)
- Blue (84%)



- Cyan (11%)
- Magenta (19%)
- Yellow (0%)
- Black (17%)





- Cyan (26%)
- Magenta (33%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 23.267, 307.878 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 73, 23.267, 307.878 by changing the saturation by 10% instead.


 73, 23.267,
307.878


 73, 23.267,
307.878


 100, 23.267,
307.878


 63, 23.267,
307.878


 93, 23.267,
307.878

 53, 23.267,
307.878

 43, 23.267,
307.878

 33, 23.267,
307.878

 23, 23.267,
307.878

 13, 23.267,
307.878

 3, 23.267, 307.878

0, 23.267, 307.878

73, 23.267,
307.878

73, 23.267,
307.878

67, 35.851,
308.457

79, 11.018,
307.343

60, 48.696,
309.072

86, 0.857, 126.995

54, 61.635,
309.698

92, 12.351,
126.461

49, 74.368,
310.290

98, 22.331,
125.148

43, 86.383,
310.778

99, 21.423,
113.973

39, 96.906,
311.056

99, 21.307,
108.564

■ 35,104.968,
310.990

■ 32,110.076,
310.529

■ 32,110.421,
310.496

Harmonies

Complementary

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



73, 23.267, 307.878



83, 22.581, 125.990

Rectangle

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



73, 23.267, 307.878



73, 23.267, 357.878



73, 23.267, 127.878



73, 23.267, 177.878

Sweetspot

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



73, 23.265, 307.877



96, 8.229, 307.180



78, 12.223, 250.436



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.



73, 23.265, 307.877



83, 32.361, 308.102



75, 26.084, 323.605



42, 6.790, 307.351



25, 93.580, 310.663



3, 28.616, 306.094

Inverse Universe

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



75, 19.632, 342.067



85, 27.216, 342.435



82, 26.001, 141.529



42, 5.765, 341.203



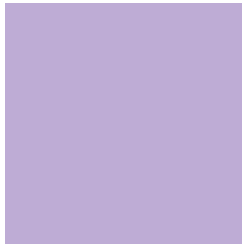
37, 63.806, 356.110



5, 24.236, 350.063

Previews

White Background



This preview shows how the CIELCh color 73, 23.267, 307.878 looks on a white background.

Color Contrast Check

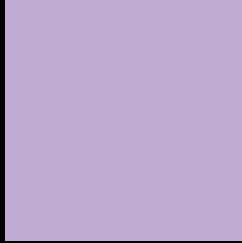
Large Text (above 18pt) WCAG AA × Fail

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 73, 23.267, 307.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

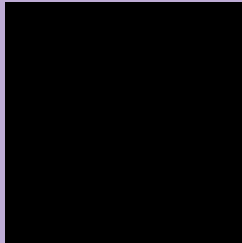
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 23.267, 307.878

Background



This preview shows how black text looks on a background with the CIELCh color 73, 23.267, 307.878.



This preview shows how white text looks on a background with the CIELCh color 73, 23.267, 307.878.

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


73, 23.267, 307.878

Protanopia

73, 21.248, 285.828

Deuteranopia

73, 20.273, 297.951



Tritanopia
73, 8.490, 316.469

Trichromacy



Original Color
73, 23.267, 307.878

Protanomaly
73, 21.227, 294.032

Deuteranomaly
73, 21.027, 301.615

Tritanomaly
73, 13.935, 311.028

Monochromacy



Original Color
73, 23.267, 307.878

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 8.567, 308.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 23.267, 307.878 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, 172, 213)` looks like.

```
.text, #text, p{  
    color:rgb(190, 172, 213)  
}
```

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, 172, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 172, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 23.267, 307.878 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, 172, 213) }
```

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

```
.border{ border-color:rgb(190, 172, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 172, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 172, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 172, 213);  
box-shadow:4px 4px 4px 4px rgb(190, 172,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 23.267, 307.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 172, 213) }
```

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

```
.background{ background-color: rgb(190,  
172, 213) }
```

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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