

Converting Colors

CIELCh(73, 16.955, 100.427)

Have a look what the booklet for
CIELCh(73, 16.955, 100.427)
contains.

CIELCh(73, 16.879, 100.383)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 16.879, 100.383)

Conversions

Conversions Part 1

Format	Color
Hex	BAB495
RGB	186, 180, 149
RGB Percent	73%, 71%, 58%
CMY	0.2712, 0.2947, 0.4163
CMYK	0.00, 0.03, 0.20, 0.27
HSL	50°, 21%, 66%
HSV	50°, 20%, 73%
XYZ	41.9142, 45.1644, 34.8789
YIQ	178.2600, 13.5270, -8.3690

Conversions

Conversions Part 2

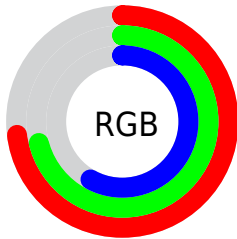
Format	Color
R _Y B	156, 186, 149
Decimal	12235925
CIE Lab	73.00, -3.04, 16.60
CIE LCh	73, 16.879, 100.383
Yxy	45.1644, 0.3437, 0.3703
Android (android.graphics.Color)	4290426005 (0xFFBAB495)
YUV	178.2600, -14.4252, 6.7880
Hunter-Lab	67.2044, -6.2805, 16.2718

Details

The CIELCh color **73, 16.879, 100.383** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 17.349, 285.087**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 17.067, 101.247**, and **53, 16.836, 99.193** is the 20% darker color. If you saturate the color by 10%, you get **72, 25.372, 99.249**, and if you desaturate by 10%, it is **74, 8.380, 101.500**.

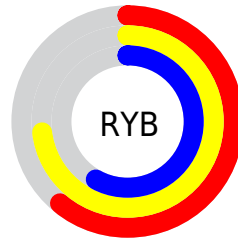
Distribution



Red (73%)

Green (71%)

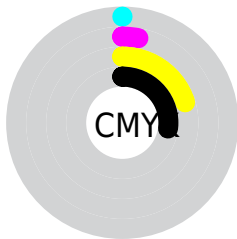
Blue (58%)



Red (61%)

Yellow (73%)

Blue (58%)

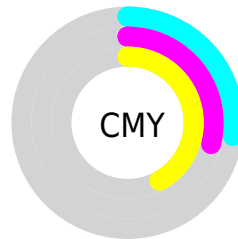


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (27%)



Cyan (27%)


Magenta (29%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 16.879, 100.383 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, 16.879, 100.383 by changing the saturation by 10% instead.


 73, 16.879,
100.383


 73, 16.879,
100.383


 100, 16.879,
100.383


 63, 16.879,
100.383


 93, 16.879,
100.383

 53, 16.879,
100.383

 43, 16.879,
100.383

 33, 16.879,
100.383

 23, 16.879,
100.383

 13, 16.879,
100.383

 3, 16.879, 100.383

0, 16.879, 100.383

73, 16.879,
100.383

73, 16.879,
100.383

72, 25.372, 99.249

74, 8.380, 101.500

71, 33.782, 98.092

75, 0.089, 284.063

70, 41.984, 96.928

77, 8.501, 283.666

69, 49.769, 95.767

78, 16.844,
284.666

68, 56.800, 94.615

80, 25.113,
285.625

67, 62.587, 93.467

66, 66.543, 92.304

81, 30.497,
285.612

65, 68.621, 91.100

81, 28.956,
283.138

■ 65, 68.640, 91.089

■ 82, 27.473,
280.407

■ 83, 26.059,
277.388

Harmonies

Complementary

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



73, 16.879, 100.383



64, 17.349, 285.087

Rectangle

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



73, 16.879, 100.383



73, 16.879, 150.383



73, 16.879, 280.383



73, 16.879, 330.383

Sweetspot

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



73, 16.880, 100.389



95, 6.285, 101.908



65, 14.960, 7.765



51, 4.204, 101.839



98, 0.011, 296.813



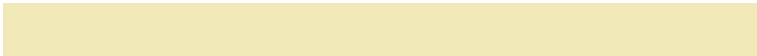
51, 0.007, 296.813

Same Dimension

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



73, 16.880, 100.389



92, 25.255, 99.880



74, 20.462, 121.969



38, 4.744, 101.563



55, 60.253, 91.270



8, 11.998, 97.894

Inverse Universe

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



64, 17.349, 285.087



79, 26.134, 285.762



64, 21.221, 304.229



36, 4.810, 283.679



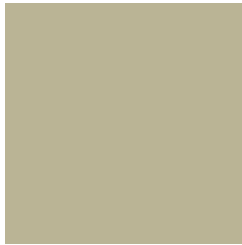
20, 83.174, 303.266



2, 13.570, 285.018

Previews

White Background



This preview shows how the CIELCh color 73, 16.879, 100.383 looks on a white background.

Color Contrast Check

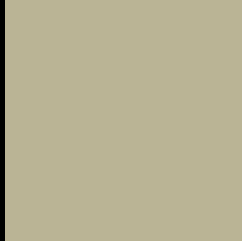
Large Text (above 18pt) WCAG AA × Fail

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 73, 16.879, 100.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

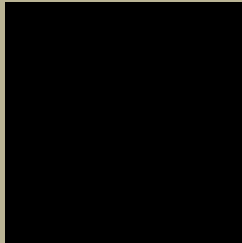
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

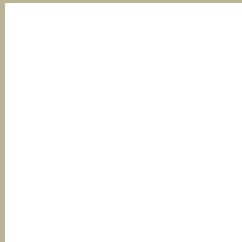
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 16.879, 100.383

Background



This preview shows how black text looks on a background with the CIELCh color 73, 16.879, 100.383.



This preview shows how white text looks on a background with the CIELCh color 73, 16.879, 100.383.

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, 16.879, 100.383

Protanopia

73, 17.199, 95.054

Deuteranopia

73, 18.657, 59.542



Tritanopia
73, 9.918, 330.228

Trichromacy



Original Color
73, 16.879, 100.383

Protanomaly
73, 17.109, 96.367

Deuteranomaly
73, 16.693, 73.441

Tritanomaly
73, 5.061, 32.039

Monochromacy



Original Color
73, 16.879, 100.383

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 6.529, 102.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 16.879, 100.383 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(186, 180, 149)` looks like.

```
.text, #text, p{  
    color:rgb(186, 180, 149)  
}
```

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(186, 180, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 180, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 16.879, 100.383 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(186, 180, 149) }
```

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

```
.border{ border-color:rgb(186, 180, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 180, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 180, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 180, 149);  
box-shadow:4px 4px 4px 4px rgb(186, 180,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 16.879, 100.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 180, 149) }
```

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

```
.background{ background-color: rgb(186,  
180, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor