

Converting Colors

CIELCh(73, 15.704, 102.871)

Have a look what the booklet for
CIELCh(73, 15.704, 102.871)
contains.

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Color

CIELCh(73, 15.717, 102.846)

Conversions

Conversions Part 1

Format	Color
Hex	B8B497
RGB	184, 180, 151
RGB Percent	72%, 71%, 59%
CMY	0.2777, 0.2934, 0.4072
CMYK	0.00, 0.02, 0.18, 0.28
HSL	53°, 19%, 66%
HSV	53°, 18%, 72%
XYZ	41.7650, 45.1644, 35.8661
YIQ	177.8900, 11.6930, -8.1710

Conversions

Conversions Part 2

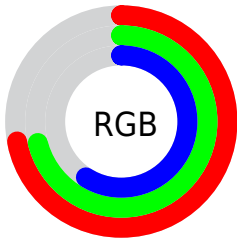
Format	Color
R_{YB}	156, 184, 151
Decimal	12104855
CIE _{Lab}	73.00, -3.49, 15.32
CIE _{LCh}	73, 15.717, 102.846
Yxy	45.1644, 0.3401, 0.3678
Android (android.graphics.Color)	4290294935 (0xFFB8B497)
YUV	177.8900, -13.2568, 5.3585
Hunter-Lab	67.2044, -6.6769, 15.4009

Details

The CIELCh color $73, 15.717, 102.846$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $65, 16.187, 286.901$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 15.969, 103.538$, and $53, 15.590, 101.879$ is the 20% darker color. If you saturate the color by 10%, you get $72, 24.470, 101.764$, and if you desaturate by 10%, it is $74, 6.938, 103.915$.

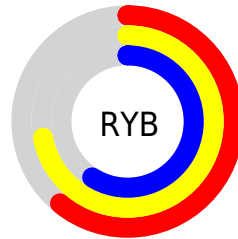
Distribution



Red (72%)

Green (71%)

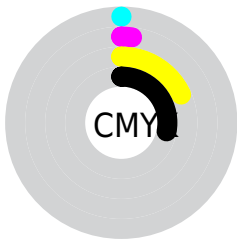
Blue (59%)



Red (61%)

Yellow (72%)

Blue (59%)

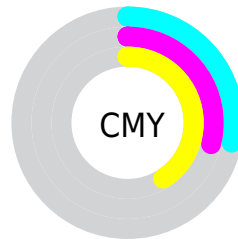


Cyan (0%)

Magenta (2%)

Yellow (18%)

Black (28%)



Cyan (28%)


Magenta (29%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 15.717, 102.846 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, 15.717, 102.846 by changing the saturation by 10% instead.


 73, 15.717,
102.846


 73, 15.717,
102.846


 100, 15.717,
102.846


 63, 15.717,
102.846


 93, 15.717,
102.846


 53, 15.717,
102.846

 43, 15.717,
102.846

 33, 15.717,
102.846

 23, 15.717,
102.846

 13, 15.717,
102.846

 3, 15.717, 102.846

0, 15.717, 102.846

73, 15.717,
102.846

73, 15.717,
102.846

72, 24.470,
101.764

74, 6.938, 103.915

71, 33.118,
100.666

75, 1.829, 285.033

70, 41.540, 99.571

76, 10.555,
285.992

69, 49.535, 98.494

77, 19.225,
286.956

69, 56.785, 97.450

79, 27.831,
287.879

68, 62.836, 96.450

80, 32.846,
287.891

67, 67.138, 95.496

80, 31.659,

■ 67, 69.415, 94.572 286.286

■ 67, 69.805, 94.383 ■ 81, 30.498,
284.565

■ 81, 29.367,
282.717

Harmonies

Complementary

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



73, 15.717, 102.846



65, 16.187, 286.901

Rectangle

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



73, 15.717, 102.846



73, 15.717, 152.846



73, 15.717, 282.846



73, 15.717, 332.846

Sweetspot

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



73, 15.718, 102.852



94, 5.419, 104.205



66, 13.208, 10.111



50, 3.696, 104.135



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



73, 15.718, 102.852



92, 23.901, 102.371



73, 18.407, 123.360



38, 4.951, 103.767



57, 61.674, 94.504



8, 12.747, 101.302

Inverse Universe

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



65, 16.187, 286.901



79, 24.807, 287.529



65, 18.989, 305.272



36, 5.032, 285.809



19, 86.165, 304.296



1, 14.017, 286.479

Previews

White Background



This preview shows how the CIELCh color 73, 15.717, 102.846 looks on a white background.

Color Contrast Check

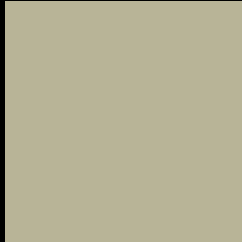
Large Text (above 18pt) WCAG AA × Fail

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, 15.717, 102.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

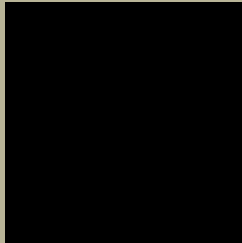
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 15.717, 102.846

Background



This preview shows how black text looks on a background with the CIELCh color 73, 15.717, 102.846.



This preview shows how white text looks on a background with the CIELCh color 73, 15.717, 102.846.

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, 15.717, 102.846

Protanopia

73, 16.152, 94.321

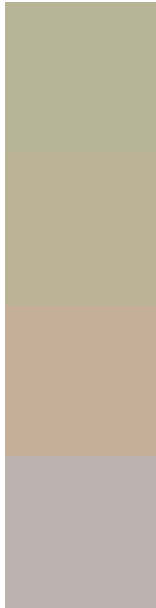
Deuteranopia

73, 17.237, 56.591



Tritanopia
73, 9.240, 324.817

Trichromacy



Original Color
73, 15.717, 102.846

Protanomaly
73, 15.971, 97.116

Deuteranomaly
73, 15.548, 72.549

Tritanomaly
73, 3.936, 35.524

Monochromacy



Original Color
73, 15.717, 102.846

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 5.958, 105.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 15.717, 102.846 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(184, 180, 151)` looks like.

```
.text, #text, p{  
    color:rgb(184, 180, 151)  
}
```

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(184, 180, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 180, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 15.717, 102.846 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(184, 180, 151) }
```

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

```
.border{ border-color:rgb(184, 180, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 180, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 180, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 180, 151);  
box-shadow:4px 4px 4px 4px rgb(184, 180,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 15.717, 102.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 180, 151) }
```

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

```
.background{ background-color: rgb(184,  
180, 151) }
```

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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