

Converting Colors

CIELCh(73, 4.882, 81.730)

Have a look what the booklet for
CIELCh(73, 4.882, 81.730) contains.

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Color

CIELCh(73, 4.882, 81.730)

Conversions

Conversions Part 1

Format	Color
Hex	B8B2AA
RGB	184, 178, 170
RGB Percent	72%, 70%, 67%
CMY	0.2768, 0.3003, 0.3317
CMYK	0.00, 0.03, 0.08, 0.28
HSL	34°, 9%, 70%
HSV	34°, 8%, 72%
XYZ	43.1636, 45.1644, 44.6762
YIQ	178.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

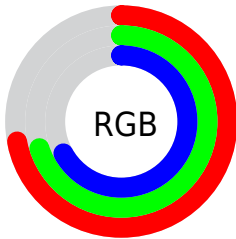
Format	Color
RYB	181, 184, 170
Decimal	12104362
CIELab	73.00, 0.70, 4.83
CIELCh	73, 4.882, 81.730
Yxy	45.1644, 0.3245, 0.3396
Android (android.graphics.Color)	4290294442 (0xFFB8B2AA)
YUV	178.8820, -4.3788, 4.4885
Hunter-Lab	67.2044, -2.9622, 7.6283

Details

The CIELCh color $73, 4.882, 81.730$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 4.844, 263.809$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 5.093, 84.563$, and $53, 4.717, 78.221$ is the 20% darker color. If you saturate the color by 10%, you get $70, 11.517, 80.508$, and if you desaturate by 10%, it is $76, 1.532, 263.247$.

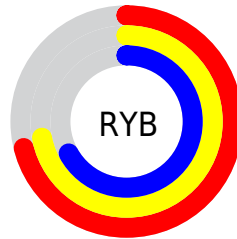
Distribution



Red (72%)

Green (70%)

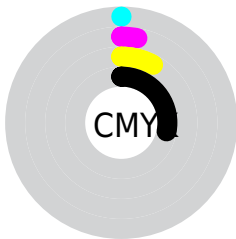
Blue (67%)



Red (71%)

Yellow (72%)

Blue (67%)

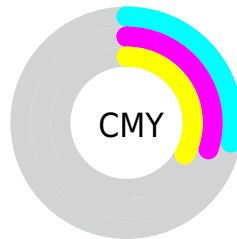


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (28%)



Cyan (28%)

Magenta (30%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 4.882, 81.730 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, 4.882, 81.730 by changing the saturation by 10% instead.

■ 73, 4.882, 81.730

■ 73, 4.882, 81.730

■ 100, 4.882, 81.730

■ 63, 4.882, 81.730

■ 93, 4.882, 81.730

■ 53, 4.882, 81.730

■ 43, 4.882, 81.730

■ 33, 4.882, 81.730

■ 23, 4.882, 81.730

■ 13, 4.882, 81.730

■ 3, 4.882, 81.730

■ 0, 4.882, 81.730

■ 73, 4.882, 81.730

■ 73, 4.882, 81.730

70, 11.517, 80.508

76, 1.532, 263.247

68, 18.382, 79.202

78, 7.742, 264.292

66, 25.473, 77.861

81, 13.768,
265.428

63, 32.759, 76.486

83, 19.627,
266.525

61, 40.157, 75.067

59, 47.482, 73.567

86, 21.868,
262.486

57, 54.376, 71.905

88, 19.826,
249.419

55, 60.213, 69.915

53, 64.322, 67.395

90, 18.967,
234.485

92, 19.412,
219.380

94, 21.041,
205.914

Harmonies

Complementary

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



73, 4.882, 81.730



72, 4.844, 263.809

Rectangle

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



73, 4.882, 81.730



73, 4.882, 131.730



73, 4.882, 261.730



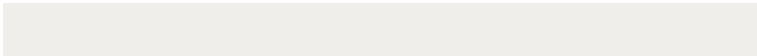
73, 4.882, 311.730

Sweetspot

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



73, 4.883, 81.754



94, 1.570, 82.282



71, 6.256, 348.003



50, 0.892, 82.283



97, 0.011, 296.813



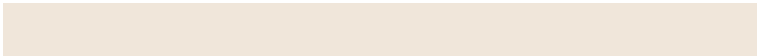
50, 0.007, 296.813

Same Dimension

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



73, 4.883, 81.754



92, 7.182, 81.567



75, 7.547, 112.154



38, 3.641, 81.545



44, 57.486, 67.309



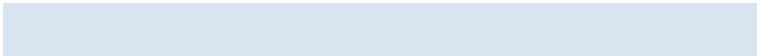
6, 9.014, 69.369

Inverse Universe

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



72, 4.844, 263.809



90, 7.103, 264.017



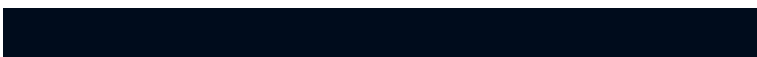
70, 7.685, 293.482



37, 3.600, 264.042



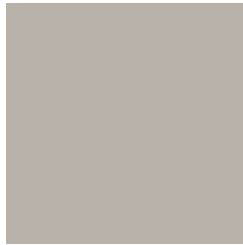
30, 56.569, 289.746



3, 10.905, 272.513

Previews

White Background



This preview shows how the CIELCh color 73, 4.882, 81.730 looks on a white background.

Color Contrast Check

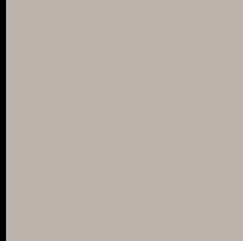
Large Text (above 18pt) WCAG AA × Fail

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, 4.882, 81.730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

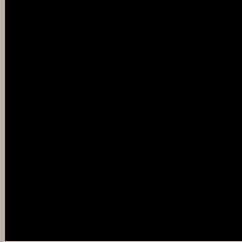
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

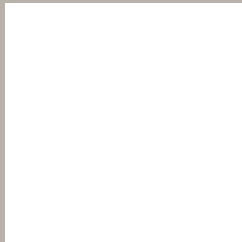
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 4.882, 81.730

Background



This preview shows how black text looks on a background with the CIELCh color 73, 4.882, 81.730.

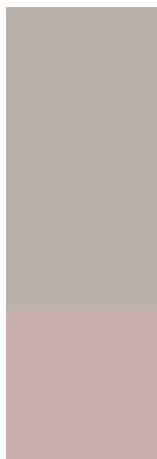


This preview shows how white text looks on a background with the CIELCh color 73, 4.882, 81.730.

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, 4.882, 81.730

Protanopia

73, 4.882, 81.730

Deuteranopia

73, 10.109, 26.321



Tritanopia
73, 8.184, 320.460

Trichromacy



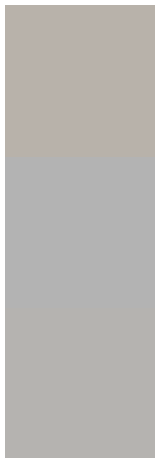
Original Color
73, 4.882, 81.730

Protanomaly
73, 4.882, 81.730

Deuteranomaly
73, 7.625, 36.363

Tritanomaly
73, 4.344, 341.063

Monochromacy



Original Color
73, 4.882, 81.730

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.776, 84.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 4.882, 81.730 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, 178, 170)` looks like.

```
.text, #text, p{  
    color:rgb(184, 178, 170)  
}
```

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, 178, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 178, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 4.882, 81.730 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, 178, 170) }
```

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

```
.border{ border-color:rgb(184, 178, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 178, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 178, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 178, 170);  
box-shadow:4px 4px 4px 4px rgb(184, 178,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 4.882, 81.730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 178, 170) }
```

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

```
.background{ background-color: rgb(184,  
178, 170) }
```

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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