

Converting Colors

CIELCh(73, 9.949, 87.709)

Have a look what the booklet for
CIELCh(73, 9.949, 87.709) contains.

CIELCh(73, 9.981, 86.219)	3
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Color

CIELCh(73, 9.981, 86.219)

Conversions

Conversions Part 1

Format	Color
Hex	BCB2A1
RGB	188, 178, 161
RGB Percent	74%, 70%, 63%
CMY	0.2623, 0.3015, 0.3682
CMYK	0.00, 0.05, 0.14, 0.26
HSL	38°, 17%, 68%
HSV	38°, 14%, 74%
XYZ	43.1487, 45.1644, 40.2092
YIQ	179.0520, 11.4170, -3.1670

Conversions

Conversions Part 2

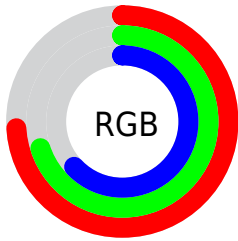
Format	Color
RYB	177, 188, 161
Decimal	12366497
CIELab	73.00, 0.66, 9.96
CIELCh	73, 9.981, 86.219
Yxy	45.1644, 0.3357, 0.3514
Android (android.graphics.Color)	4290556577 (0xFFBCB2A1)
YUV	179.0520, -8.8996, 7.8474
Hunter-Lab	67.2044, -3.0016, 11.5692

Details

The CIELCh color $73, 9.981, 86.219$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70, 9.895, 270.047$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 9.942, 87.692$, and $53, 10.148, 84.402$ is the 20% darker color. If you saturate the color by 10%, you get $71, 17.161, 84.933$, and if you desaturate by 10%, it is $75, 2.984, 87.438$.

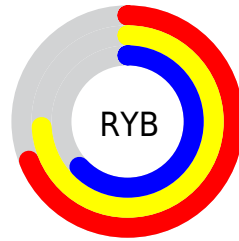
Distribution



Red (74%)

Green (70%)

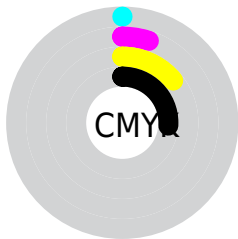
Blue (63%)



Red (69%)

Yellow (74%)

Blue (63%)

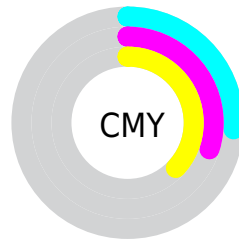


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (26%)



Cyan (26%)

Magenta (30%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 9.981, 86.219 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, 9.981, 86.219 by changing the saturation by 10% instead.

 73, 9.981, 86.219  73, 9.981, 86.219

 100, 9.981, 86.219  63, 9.981, 86.219

 93, 9.981, 86.219  53, 9.981, 86.219

 43, 9.981, 86.219

 33, 9.981, 86.219

 23, 9.981, 86.219

 13, 9.981, 86.219

 3, 9.981, 86.219

 0, 9.981, 86.219

 73, 9.981, 86.219  73, 9.981, 86.219

71, 17.161, 84.933

75, 2.984, 87.438

69, 24.509, 83.590

78, 3.837, 268.812

66, 31.991, 82.207

80, 10.492,
269.943

64, 39.520, 80.778

82, 16.991,
271.055

62, 46.921, 79.280

60, 53.862, 77.661

85, 23.273,
272.038

59, 59.781, 75.808

87, 20.722,
262.136

57, 63.907, 73.527

56, 65.670, 72.124

88, 18.925,
250.062

90, 18.084,
236.333

92, 18.306,
222.257

Harmonies

Complementary

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



73, 9.981, 86.219



70, 9.895, 270.047

Rectangle

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



73, 9.981, 86.219



73, 9.981, 136.219



73, 9.981, 266.219



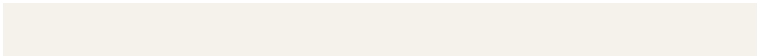
73, 9.981, 316.219

Sweetspot

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



73, 9.982, 86.231



95, 3.393, 87.468



69, 11.779, 351.762



51, 2.413, 87.388



98, 0.011, 296.813



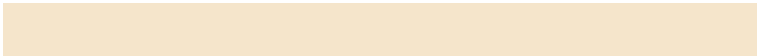
51, 0.007, 296.813

Same Dimension

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



73, 9.982, 86.231



92, 14.699, 85.857



75, 14.522, 113.637



39, 3.924, 86.856



47, 57.732, 72.576



7, 10.705, 74.888

Inverse Universe

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



70, 9.895, 270.047



87, 14.536, 270.498



67, 14.992, 295.993



37, 3.907, 269.328



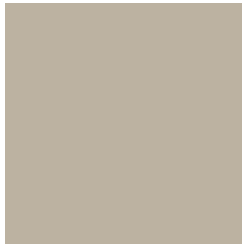
28, 63.586, 293.928



3, 13.054, 276.992

Previews

White Background



This preview shows how the CIELCh color 73, 9.981, 86.219 looks on a white background.

Color Contrast Check

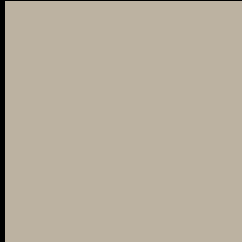
Large Text (above 18pt) WCAG AA × Fail

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, 9.981, 86.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

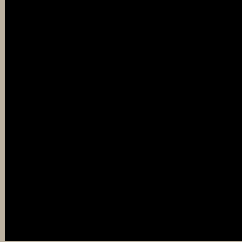
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

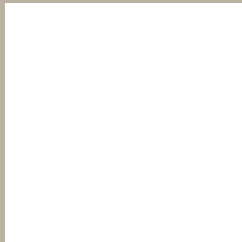
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 9.981, 86.219

Background



This preview shows how black text looks on a background with the CIELCh color 73, 9.981, 86.219.



This preview shows how white text looks on a background with the CIELCh color 73, 9.981, 86.219.

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, 9.981, 86.219

Protanopia

73, 10.205, 91.401

Deuteranopia

73, 13.302, 46.657



Tritanopia
73, 10.160, 331.877

Trichromacy



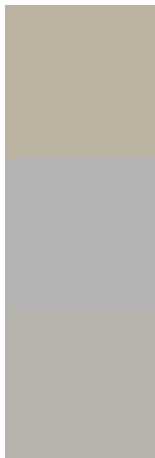
Original Color
73, 9.981, 86.219

Protanomaly
73, 10.205, 91.401

Deuteranomaly
73, 11.487, 57.508

Tritanomaly
73, 6.278, 4.897

Monochromacy



Original Color
73, 9.981, 86.219

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.941, 92.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 9.981, 86.219 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(188, 178, 161)` looks like.

```
.text, #text, p{  
    color:rgb(188, 178, 161)  
}
```

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(188, 178, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 178, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 9.981, 86.219 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(188, 178, 161) }
```

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

```
.border{ border-color:rgb(188, 178, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 178, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 178, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 178, 161);  
box-shadow:4px 4px 4px 4px rgb(188, 178,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 9.981, 86.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 178, 161) }
```

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

```
.background{ background-color: rgb(188,  
178, 161) }
```

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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