

Converting Colors

CIELCh(73, 4.965, 74.377)

Have a look what the booklet for
CIELCh(73, 4.965, 74.377) contains.

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Color

CIELCh(73, 4.850, 70.715)

Conversions

Conversions Part 1

Format	Color
Hex	BAB2AB
RGB	186, 178, 171
RGB Percent	73%, 70%, 67%
CMY	0.2710, 0.3023, 0.3298
CMYK	0.00, 0.04, 0.08, 0.27
HSL	28°, 10%, 70%
HSV	28°, 8%, 73%
XYZ	43.4674, 45.1644, 44.9051
YIQ	179.5940, 7.0150, -0.4810

Conversions

Conversions Part 2

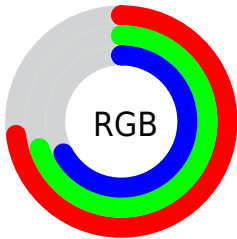
Format	Color
RYB	186, 184, 171
Decimal	12235435
CIELab	73.00, 1.60, 4.58
CIElCh	73, 4.850, 70.715
Yxy	45.1644, 0.3255, 0.3382
Android (android.graphics.Color)	4290425515 (0xFFBAB2AB)
YUV	179.5940, -4.2368, 5.6181
Hunter-Lab	67.2044, -2.1552, 7.4264

Details

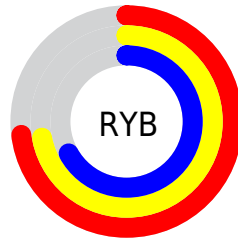
The CIELCh color $73, 4.850, 70.715$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 4.745, 252.819$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 5.008, 74.528$, and $53, 4.757, 66.141$ is the 20% darker color. If you saturate the color by 10%, you get $70, 11.150, 69.614$, and if you desaturate by 10%, it is $76, 1.141, 252.300$.

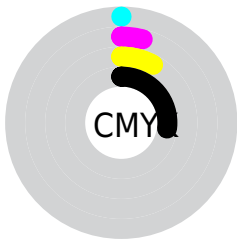
Distribution



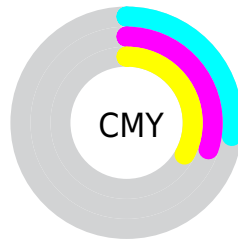
- Red (73%)
- Green (70%)
- Blue (67%)



- Red (73%)
- Yellow (72%)
- Blue (67%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (27%)




- Cyan (27%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 4.850, 70.715 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, 4.850, 70.715 by changing the saturation by 10% instead.

 73, 4.850, 70.715  73, 4.850, 70.715

 100, 4.850, 70.715  63, 4.850, 70.715

 93, 4.850, 70.715  53, 4.850, 70.715

 43, 4.850, 70.715


 33, 4.850, 70.715

 23, 4.850, 70.715

 13, 4.850, 70.715

 3, 4.850, 70.715

 0, 4.850, 70.715

 73, 4.850, 70.715  73, 4.850, 70.715

70, 11.150, 69.614

76, 1.141, 252.300

67, 17.784, 68.450

79, 6.856, 253.161

64, 24.769, 67.281

82, 12.324,
254.240

61, 32.101, 66.115

85, 17.573,
255.299

59, 39.727, 64.942

56, 47.505, 63.724

88, 19.246,
247.406

53, 55.115, 62.362

91, 18.630,
228.062

51, 61.927, 60.644

49, 67.199, 58.329

94, 20.051,
209.747

96, 22.298,
198.043

Harmonies

Complementary

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



73, 4.850, 70.715



72, 4.745, 252.819

Rectangle

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



73, 4.850, 70.715



73, 4.850, 120.715



73, 4.850, 250.715



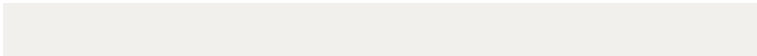
73, 4.850, 300.715

Sweetspot

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



73, 4.850, 70.741



95, 1.463, 71.206



71, 7.154, 342.489



51, 0.838, 71.201



98, 0.011, 296.813



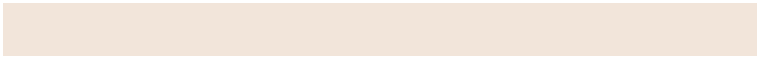
51, 0.007, 296.813

Same Dimension

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



73, 4.850, 70.741



92, 7.496, 70.512



75, 7.793, 108.024



37, 3.383, 70.604



41, 59.600, 58.491



5, 8.723, 57.583

Inverse Universe

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



72, 4.745, 252.819



91, 7.280, 253.085



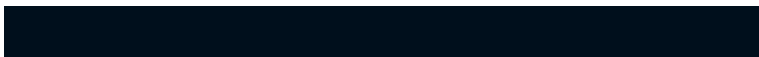
71, 7.935, 289.660



37, 3.295, 252.977



35, 46.112, 279.943



4, 9.902, 264.534

Previews

White Background



This preview shows how the CIELCh color 73, 4.850, 70.715 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, 4.850, 70.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

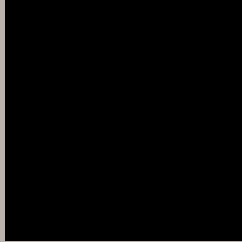
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

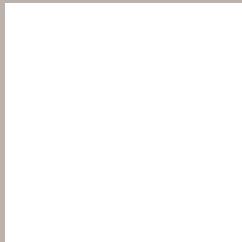
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 4.850, 70.715

Background



This preview shows how black text looks on a background with the CIELCh color 73, 4.850, 70.715.

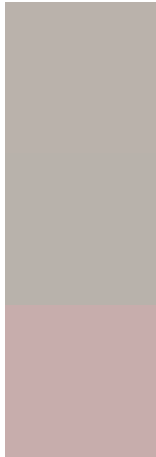


This preview shows how white text looks on a background with the CIELCh color 73, 4.850, 70.715.

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, 4.850, 70.715

Protanopia

73, 4.408, 78.524

Deuteranopia

73, 10.043, 23.285



Tritanopia
73, 9.038, 322.853

Trichromacy



Original Color
73, 4.850, 70.715

Protanomaly
73, 4.618, 74.435

Deuteranomaly
73, 7.474, 32.438

Tritanomaly
73, 5.273, 341.670

Monochromacy



Original Color
73, 4.850, 70.715

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.963, 74.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 4.850, 70.715 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, 178, 171)` looks like.

```
.text, #text, p{  
    color:rgb(186, 178, 171)  
}
```

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, 178, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 178, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 4.850, 70.715 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, 178, 171) }
```

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

```
.border{ border-color:rgb(186, 178, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 178, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 178, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 178, 171);  
box-shadow:4px 4px 4px 4px rgb(186, 178,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 4.850, 70.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 178, 171) }
```

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

```
.background{ background-color: rgb(186,  
178, 171) }
```

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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