

Converting Colors

CIELCh(73, 3.660, 35.510)

Have a look what the booklet for
CIELCh(73, 3.660, 35.510) contains.

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Color

CIELCh(73, 3.936, 35.524)

Conversions

Conversions Part 1

Format	Color
Hex	BBB1AF
RGB	187, 177, 175
RGB Percent	73%, 69%, 69%
CMY	0.2662, 0.3054, 0.3133
CMYK	0.00, 0.05, 0.06, 0.27
HSL	10°, 8%, 71%
HSV	10°, 6%, 73%
XYZ	44.0118, 45.1644, 47.0102
YIQ	179.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

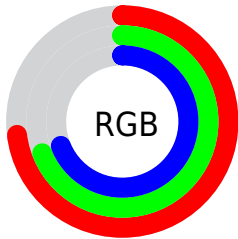
Format	Color
RYB	187, 177, 175
Decimal	12300719
CIELab	73.00, 3.20, 2.29
CIELCh	73, 3.936, 35.524
Yxy	45.1644, 0.3232, 0.3316
Android (android.graphics.Color)	4290490799 (0xFFBBB1AF)
YUV	179.7620, -2.3477, 6.3477
Hunter-Lab	67.2044, -0.7092, 5.5692

Details

The CIELCh color $73, 3.936, 35.524$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 3.783, 215.922$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 3.900, 42.758$, and $53, 4.095, 27.828$ is the 20% darker color. If you saturate the color by 10%, you get $69, 10.493, 35.672$, and if you desaturate by 10%, it is $78, 2.116, 216.000$.

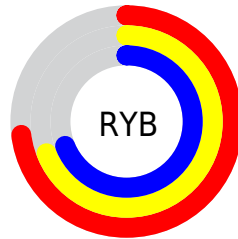
Distribution



Red (73%)

Green (69%)

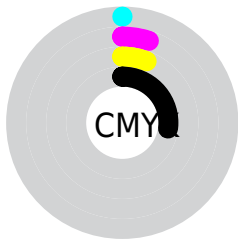
Blue (69%)



Red (73%)

Yellow (69%)

Blue (69%)

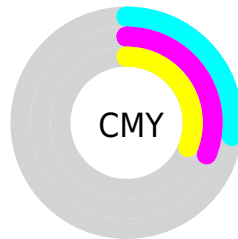


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 3.936, 35.524 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, 3.936, 35.524 by changing the saturation by 10% instead.

 73, 3.936, 35.524

 73, 3.936, 35.524

 100, 3.936, 35.524

 63, 3.936, 35.524

 93, 3.936, 35.524

 53, 3.936, 35.524

 43, 3.936, 35.524

 33, 3.936, 35.524

 23, 3.936, 35.524

 13, 3.936, 35.524

 3, 3.936, 35.524

 0, 3.936, 35.524

 73, 3.936, 35.524

 73, 3.936, 35.524

69, 10.493, 35.672

78, 2.116, 216.000

64, 17.602, 35.859

82, 7.710, 215.960

60, 25.294, 36.208

87, 12.899,
216.127

56, 33.570, 36.768

91, 17.730,
216.349

52, 42.388, 37.585

49, 51.624, 38.680

96, 21.946,
198.065

45, 61.010, 40.007

43, 69.962, 41.339

41, 77.285, 42.128

Harmonies

Complementary

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



73, 3.936, 35.524



74, 3.783, 215.922

Rectangle

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



73, 3.936, 35.524



73, 3.936, 85.524



73, 3.936, 215.524



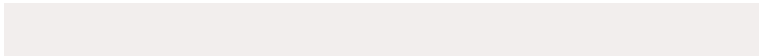
73, 3.936, 265.524

Sweetspot

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



73, 3.935, 35.554



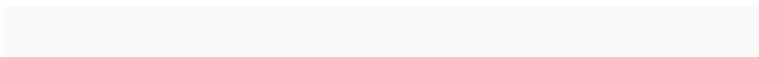
94, 1.486, 35.278



73, 7.067, 329.734



51, 0.851, 35.255



98, 0.011, 296.813



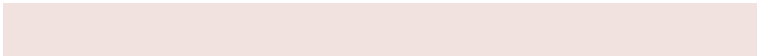
51, 0.007, 296.813

Same Dimension

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



73, 3.935, 35.554



91, 6.096, 35.581



75, 4.554, 90.292



37, 3.543, 35.595



34, 69.957, 42.724



4, 11.002, 30.194

Inverse Universe

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



74, 3.783, 215.922



93, 5.794, 215.920



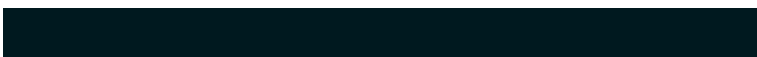
73, 4.562, 271.985



39, 3.340, 215.928



51, 30.460, 227.911



7, 9.633, 222.740

Previews

White Background



This preview shows how the CIELCh color 73, 3.936, 35.524 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, 3.936, 35.524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

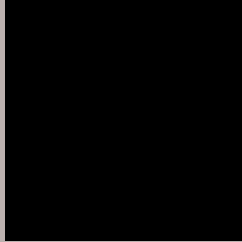
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

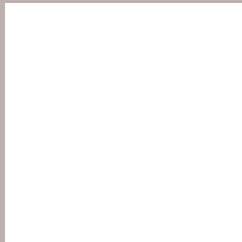
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 3.936, 35.524

Background



This preview shows how black text looks on a background with the CIELCh color 73, 3.936, 35.524.



This preview shows how white text looks on a background with the CIELCh color 73, 3.936, 35.524.

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, 3.936, 35.524

Protanopia

73, 2.161, 49.343

Deuteranopia

73, 9.691, 10.595



Tritanopia
73, 9.240, 324.817

Trichromacy



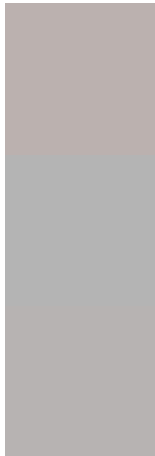
Original Color
73, 3.936, 35.524

Protanomaly
73, 2.498, 45.031

Deuteranomaly
73, 7.698, 11.945

Tritanomaly
73, 6.266, 336.055

Monochromacy



Original Color
73, 3.936, 35.524

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.588, 39.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 3.936, 35.524 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(187, 177, 175)` looks like.

```
.text, #text, p{  
    color:rgb(187, 177, 175)  
}
```

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(187, 177, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 177, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 3.936, 35.524 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(187, 177, 175) }
```

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

```
.border{ border-color:rgb(187, 177, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 177, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 177, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 177, 175);  
box-shadow:4px 4px 4px 4px rgb(187, 177,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 3.936, 35.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 177, 175) }
```

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

```
.background{ background-color: rgb(187,  
177, 175) }
```

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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