

Converting Colors

CIELCh(73, 4.568, 67.112)

Have a look what the booklet for
CIELCh(73, 4.568, 67.112) contains.

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Color

CIELCh(73, 4.437, 66.410)

Conversions

Conversions Part 1

Format	Color
Hex	BAB2AC
RGB	186, 178, 172
RGB Percent	73%, 70%, 67%
CMY	0.2712, 0.3026, 0.3261
CMYK	0.00, 0.04, 0.08, 0.27
HSL	26°, 9%, 70%
HSV	26°, 8%, 73%
XYZ	43.5262, 45.1644, 45.3697
YIQ	179.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

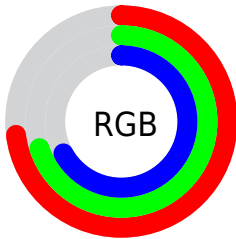
Format	Color
RYB	186, 183, 172
Decimal	12235436
CIELab	73.00, 1.78, 4.07
CIELCh	73, 4.437, 66.410
Yxy	45.1644, 0.3247, 0.3369
Android (android.graphics.Color)	4290425516 (0xFFBAB2AC)
YUV	179.7080, -3.8000, 5.5181
Hunter-Lab	67.2044, -1.9989, 7.0165

Details

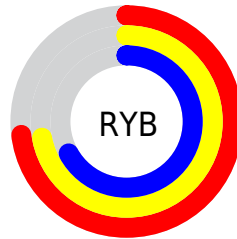
The CIELCh color $73, 4.437, 66.410$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 4.329, 248.300$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 4.594, 70.898$, and $53, 4.349, 61.037$ is the 20% darker color. If you saturate the color by 10%, you get $70, 10.634, 65.408$, and if you desaturate by 10%, it is $76, 1.423, 247.890$.

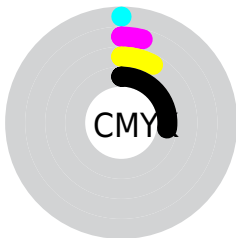
Distribution



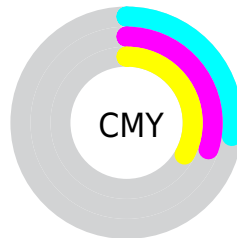
- Red (73%)
- Green (70%)
- Blue (67%)



- 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, 4.437, 66.410 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, 4.437, 66.410 by changing the saturation by 10% instead.

■ 73, 4.437, 66.410

■ 73, 4.437, 66.410

■ 100, 4.437, 66.410

■ 63, 4.437, 66.410

■ 93, 4.437, 66.410

■ 53, 4.437, 66.410

■ 43, 4.437, 66.410

■ 33, 4.437, 66.410

■ 23, 4.437, 66.410

■ 13, 4.437, 66.410

■ 3, 4.437, 66.410

■ 0, 4.437, 66.410

■ 73, 4.437, 66.410

■ 73, 4.437, 66.410

70, 10.634, 65.408

76, 1.423, 247.890

67, 17.201, 64.348

80, 6.981, 248.735

64, 24.161, 63.299

83, 12.272,
249.758

61, 31.519, 62.271

86, 17.327,
250.769

58, 39.237, 61.261

55, 47.193, 60.234

89, 18.810,
240.765

52, 55.095, 59.097

92, 19.013,
220.013

50, 62.341, 57.633

48, 68.096, 55.550

95, 21.390,
202.076

96, 22.318,
198.042

Harmonies

Complementary

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



73, 4.437, 66.410



73, 4.329, 248.300

Rectangle

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



73, 4.437, 66.410



73, 4.437, 116.410



73, 4.437, 246.410



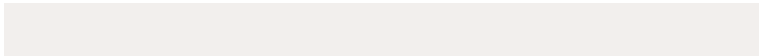
73, 4.437, 296.410

Sweetspot

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



73, 4.437, 66.438



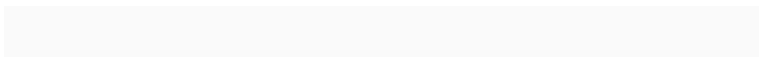
95, 1.434, 66.783



72, 6.909, 339.938



51, 0.822, 66.776



98, 0.011, 296.813



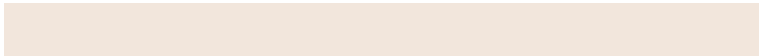
51, 0.007, 296.813

Same Dimension

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



73, 4.437, 66.438



92, 6.608, 66.279



75, 6.910, 105.821



37, 3.322, 66.261



40, 60.698, 55.653



5, 8.711, 53.603

Inverse Universe

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



73, 4.329, 248.300



92, 6.404, 248.486



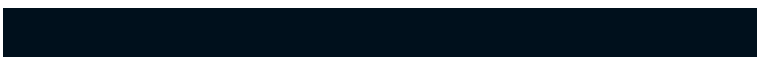
71, 7.017, 287.414



37, 3.218, 248.508



37, 42.698, 275.433



4, 9.562, 260.894

Previews

White Background



This preview shows how the CIELCh color 73, 4.437, 66.410 looks on a white background.

Color Contrast Check

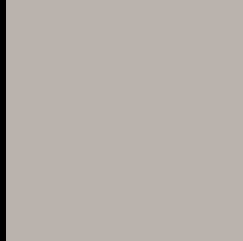
Large Text (above 18pt) WCAG AA × Fail

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, 4.437, 66.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

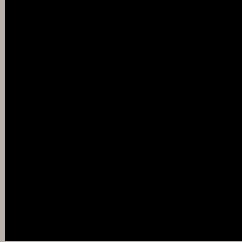
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 4.437, 66.410

Background



This preview shows how black text looks on a background with the CIELCh color 73, 4.437, 66.410.

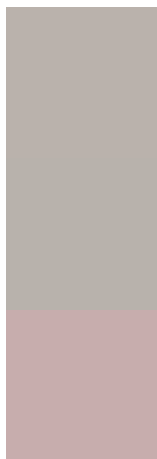


This preview shows how white text looks on a background with the CIELCh color 73, 4.437, 66.410.

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, 4.437, 66.410

Protanopia

73, 3.952, 74.550

Deuteranopia

73, 10.006, 20.217



Tritanopia
73, 9.038, 322.853

Trichromacy



Original Color
73, 4.437, 66.410

Protanomaly
73, 4.184, 70.246

Deuteranomaly
73, 7.361, 28.369

Tritanomaly
73, 5.623, 337.337

Monochromacy



Original Color
73, 4.437, 66.410

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.549, 63.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 4.437, 66.410 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(186, 178, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 178, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 4.437, 66.410 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, 172) }
```

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

```
.border{ border-color:rgb(186, 178, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 178, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 178, 172);  
box-shadow:4px 4px 4px 4px rgb(186, 178,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 4.437, 66.410 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, 172) }
```

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

```
.background{ background-color: rgb(186,  
178, 172) }
```

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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