

Converting Colors

CIELCh(73, 6.462, 71.349)

Have a look what the booklet for
CIELCh(73, 6.462, 71.349) contains.

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Color

CIELCh(73, 6.626, 74.083)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BCB2A8 |
| RGB | 188, 178, 168 |
| RGB Percent | 74%, 70%, 66% |
| CMY | 0.2641, 0.3033, 0.3425 |
| CMYK | 0.00, 0.05, 0.11, 0.26 |
| HSL | 30°, 13%, 70% |
| HSV | 30°, 11%, 74% |
| XYZ | 43.5403, 45.1644, 43.3010 |
| YIQ | 179.8500, 9.1700, -0.9900 |

Conversions

Conversions Part 2

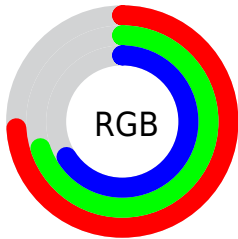
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 188, 188, 168 |
| Decimal | 12366504 |
| CIELab | 73.00, 1.82, 6.37 |
| CIELCh | 73, 6.626, 74.083 |
| Yxy | 45.1644, 0.3298, 0.3421 |
| Android (android.graphics.Color) | 4290556584 (0xFFBCB2A8) |
| YUV | 179.8500, -5.8420, 7.1476 |
| Hunter-Lab | 67.2044, -1.9615, 8.8415 |

Details

The CIELCh color $73, 6.626, 74.083$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 6.462, 256.881$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 6.705, 76.820$, and $53, 6.636, 70.864$ is the 20% darker color. If you saturate the color by 10%, you get $70, 13.150, 72.897$, and if you desaturate by 10%, it is $76, 0.392, 74.468$.

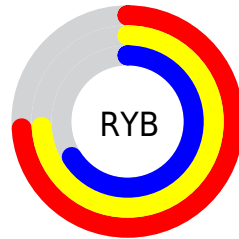
Distribution



Red (74%)

Green (70%)

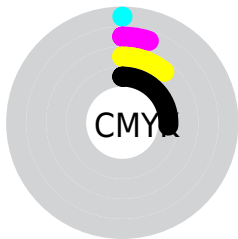
Blue (66%)



Red (74%)

Yellow (74%)

Blue (66%)

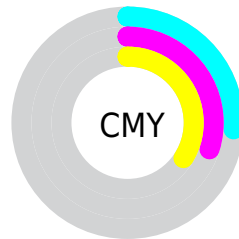


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (26%)



Cyan (26%)

Magenta (30%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 6.626, 74.083 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, 6.626, 74.083 by changing the saturation by 10% instead.

 73, 6.626, 74.083

 73, 6.626, 74.083

 100, 6.626, 74.083

 63, 6.626, 74.083

 93, 6.626, 74.083

 53, 6.626, 74.083

 43, 6.626, 74.083

 33, 6.626, 74.083

 23, 6.626, 74.083

 13, 6.626, 74.083

 3, 6.626, 74.083

 0, 6.626, 74.083

 73, 6.626, 74.083

 73, 6.626, 74.083

70, 13.150, 72.897

76, 0.392, 74.468

67, 19.983, 71.660

79, 5.581, 256.606

65, 27.130, 70.407

82, 11.317,
257.719

62, 34.569, 69.141

85, 16.843,
258.814

59, 42.217, 67.845

57, 49.879, 66.469

88, 19.503,
253.954

54, 57.147, 64.894

90, 18.188,
235.850

52, 63.289, 62.880

50, 67.703, 60.564

93, 18.769,
217.242

95, 21.032,
201.385

96, 21.789,
198.075

Harmonies

Complementary

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



73, 6.626, 74.083



72, 6.462, 256.881

Rectangle

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



73, 6.626, 74.083



73, 6.626, 124.083



73, 6.626, 254.083



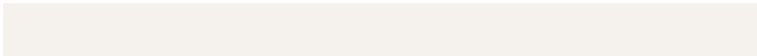
73, 6.626, 304.083

Sweetspot

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



73, 6.627, 74.102



95, 2.271, 74.888



71, 9.335, 344.497



51, 1.725, 74.831



98, 0.011, 296.813



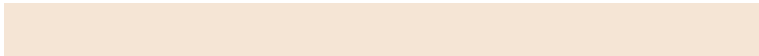
51, 0.007, 296.813

Same Dimension

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



73, 6.627, 74.102



92, 10.095, 73.799



76, 10.717, 109.158



38, 3.530, 74.253



43, 59.488, 61.094



6, 10.073, 59.644

Inverse Universe

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



72, 6.462, 256.881



90, 9.772, 257.242



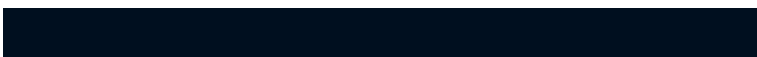
69, 10.982, 291.281



38, 3.455, 256.706



34, 49.952, 283.506



4, 11.555, 268.451

Previews

White Background



This preview shows how the CIELCh color 73, 6.626, 74.083 looks on a white background.

Color Contrast Check

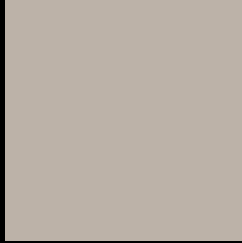
Large Text (above 18pt) WCAG AA × Fail

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, 6.626, 74.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

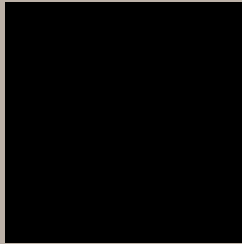
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 6.626, 74.083

Background



This preview shows how black text looks on a background with the CIELCh color 73, 6.626, 74.083.

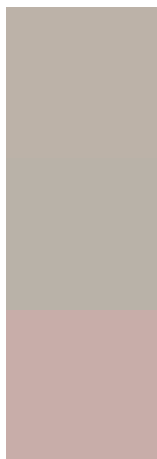


This preview shows how white text looks on a background with the CIELCh color 73, 6.626, 74.083.

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, 6.626, 74.083

Protanopia

73, 6.026, 83.136

Deuteranopia

73, 10.716, 31.818



Tritanopia
73, 9.259, 330.574

Trichromacy



Original Color
73, 6.626, 74.083

Protanomaly
73, 6.208, 79.930

Deuteranomaly
73, 8.758, 41.647

Tritanomaly
73, 5.937, 352.724

Monochromacy



Original Color
73, 6.626, 74.083

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.200, 66.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 6.626, 74.083 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(188, 178, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 178, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 6.626, 74.083 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, 168) }
```

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

```
.border{ border-color:rgb(188, 178, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 178, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 178, 168);  
box-shadow:4px 4px 4px 4px rgb(188, 178,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 6.626, 74.083 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, 168) }
```

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

```
.background{ background-color: rgb(188,  
178, 168) }
```

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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