

Converting Colors

CIELCh(73, 6.363, 88.351)

Have a look what the booklet for
CIELCh(73, 6.363, 88.351) contains.

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Color

CIELCh(73, 6.363, 88.351)

Conversions

Conversions Part 1

Format	Color
Hex	B9B3A8
RGB	185, 179, 168
RGB Percent	73%, 70%, 66%
CMY	0.2760, 0.2995, 0.3427
CMYK	0.00, 0.03, 0.09, 0.28
HSL	39°, 11%, 69%
HSV	39°, 9%, 72%
XYZ	42.9889, 45.1644, 43.3113
YIQ	179.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

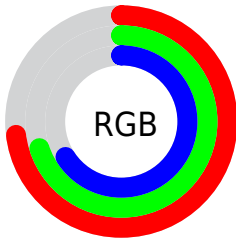
Format	Color
RYB	177, 185, 168
Decimal	12170152
CIELab	73.00, 0.18, 6.36
CIELCh	73, 6.363, 88.351
Yxy	45.1644, 0.3270, 0.3435
Android (android.graphics.Color)	4290360232 (0xFFB9B3A8)
YUV	179.5400, -5.6892, 4.7884
Hunter-Lab	67.2044, -3.4261, 8.8325

Details

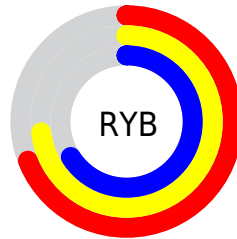
The CIELCh color $73, 6.363, 88.351$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 6.351, 270.779$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 6.523, 90.154$, and $53, 6.262, 86.142$ is the 20% darker color. If you saturate the color by 10%, you get $71, 13.444, 87.109$, and if you desaturate by 10%, it is $75, 0.553, 270.076$.

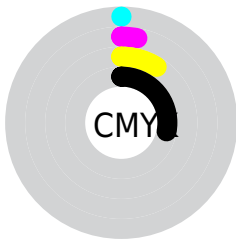
Distribution



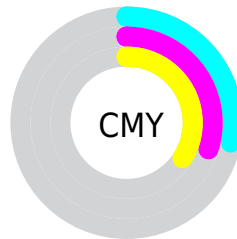
- Red (73%)
- Green (70%)
- Blue (66%)



- Red (69%)
- Yellow (73%)
- Blue (66%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (28%)



- Cyan (28%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 6.363, 88.351 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, 6.363, 88.351 by changing the saturation by 10% instead.

■ 73, 6.363, 88.351

■ 73, 6.363, 88.351

■ 100, 6.363, 88.351

■ 63, 6.363, 88.351

■ 93, 6.363, 88.351

■ 53, 6.363, 88.351

■ 43, 6.363, 88.351

■ 33, 6.363, 88.351

■ 23, 6.363, 88.351

■ 13, 6.363, 88.351

■ 3, 6.363, 88.351

■ 0, 6.363, 88.351

■ 73, 6.363, 88.351

■ 73, 6.363, 88.351

71, 13.444, 87.109

75, 0.553, 270.076

69, 20.683, 85.795

77, 7.310, 270.862

67, 28.055, 84.439

80, 13.919,
271.983

65, 35.499, 83.042

82, 20.389,
273.063

63, 42.888, 81.592

61, 49.976, 80.057

84, 24.325,
271.762

59, 56.332, 78.365

86, 21.914,
262.961

57, 61.287, 76.378

56, 64.468, 74.000

87, 20.120,
252.412

89, 19.098,
240.404

91, 18.955,
227.758

Harmonies

Complementary

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



73, 6.363, 88.351



71, 6.351, 270.779

Rectangle

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



73, 6.363, 88.351



73, 6.363, 138.351



73, 6.363, 268.351



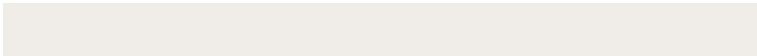
73, 6.363, 318.351

Sweetspot

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



73, 6.364, 88.368



94, 2.539, 89.057



70, 7.307, 352.295



50, 1.927, 88.982



97, 0.011, 296.813



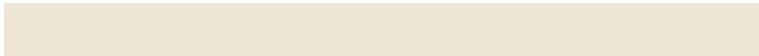
50, 0.007, 296.813

Same Dimension

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



73, 6.364, 88.368



92, 9.427, 88.126



74, 9.190, 114.715



38, 3.900, 88.353



47, 57.028, 74.249



6, 9.511, 78.127

Inverse Universe

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



71, 6.351, 270.779



88, 9.394, 271.052



69, 9.384, 296.145



36, 3.892, 270.796



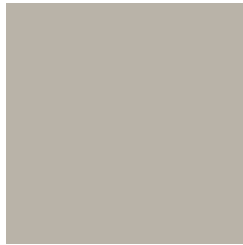
27, 64.615, 294.969



3, 11.629, 276.784

Previews

White Background



This preview shows how the CIELCh color 73, 6.363, 88.351 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, 6.363, 88.351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

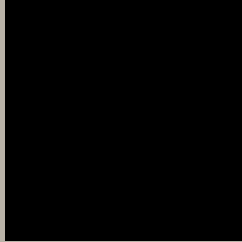
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

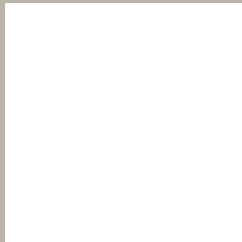
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 6.363, 88.351

Background



This preview shows how black text looks on a background with the CIELCh color 73, 6.363, 88.351.



This preview shows how white text looks on a background with the CIELCh color 73, 6.363, 88.351.

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, 6.363, 88.351

Protanopia

73, 6.026, 83.136

Deuteranopia

73, 10.716, 31.818



Tritanopia
73, 9.038, 322.853

Trichromacy



Original Color
73, 6.363, 88.351

Protanomaly
73, 6.026, 83.136

Deuteranomaly
73, 8.278, 47.034

Tritanomaly
73, 4.957, 346.593

Monochromacy



Original Color
73, 6.363, 88.351

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.279, 90.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 6.363, 88.351 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(185, 179, 168)` looks like.

```
.text, #text, p{  
    color:rgb(185, 179, 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(185, 179, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 179, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 6.363, 88.351 is called "border". The border property can be set on classes, ids or directly on the HTML element.

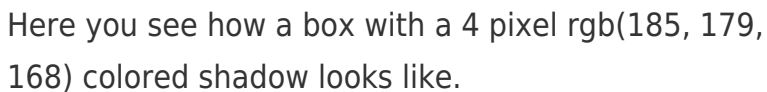
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 179, 168) }
```

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

```
.border{ border-color:rgb(185, 179, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 179, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 179, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 179, 168); box-shadow:4px 4px 4px 4px rgb(185, 179, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 6.363, 88.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 179, 168) }
```

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

```
.background{ background-color: rgb(185,  
179, 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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