

Converting Colors

CIELCh(73, 7.193, 97.103)

Have a look what the booklet for
CIELCh(73, 7.193, 97.103) contains.

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Color

CIELCh(73, 7.185, 97.108)

Conversions

Conversions Part 1

Format	Color
Hex	B7B3A6
RGB	183, 179, 166
RGB Percent	72%, 70%, 65%
CMY	0.2816, 0.2973, 0.3483
CMYK	0.00, 0.02, 0.09, 0.28
HSL	46°, 11%, 69%
HSV	46°, 9%, 72%
XYZ	42.6296, 45.1644, 42.6351
YIQ	178.7140, 6.5570, -3.1950

Conversions

Conversions Part 2

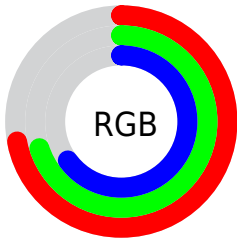
Format	Color
RYB	171, 183, 166
Decimal	12039078
CIELab	73.00, -0.89, 7.13
CIElCh	73, 7.185, 97.108
Yxy	45.1644, 0.3268, 0.3463
Android (android.graphics.Color)	4290229158 (0xFFB7B3A6)
YUV	178.7140, -6.2680, 3.7588
Hunter-Lab	67.2044, -4.3804, 9.4290

Details

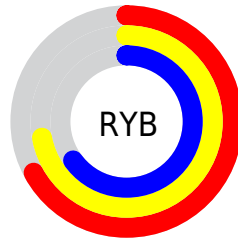
The CIELCh color **73, 7.185, 97.108** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 7.249, 279.360**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 7.328, 98.139**, and **53, 7.104, 95.814** is the 20% darker color. If you saturate the color by 10%, you get **71, 15.015, 95.945**, and if you desaturate by 10%, it is **75, 0.562, 278.590**.

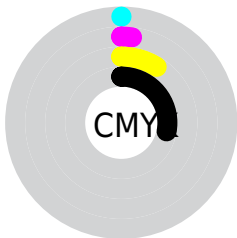
Distribution



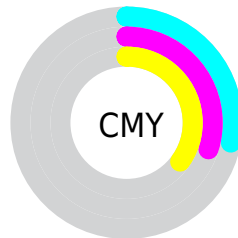
- Red (72%)
- Green (70%)
- Blue (65%)



- Red (67%)
- Yellow (72%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (28%)



- Cyan (28%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 7.185, 97.108 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, 7.185, 97.108 by changing the saturation by 10% instead.

■ 73, 7.185, 97.108

■ 73, 7.185, 97.108

■ 100, 7.185, 97.108

■ 63, 7.185, 97.108

■ 93, 7.185, 97.108

■ 53, 7.185, 97.108

■ 43, 7.185, 97.108

■ 33, 7.185, 97.108

■ 23, 7.185, 97.108

■ 13, 7.185, 97.108

■ 3, 7.185, 97.108

■ 0, 7.185, 97.108

■ 73, 7.185, 97.108

■ 73, 7.185, 97.108

71, 15.015, 95.945

75, 0.562, 278.590

70, 22.898, 94.724

76, 8.219, 279.420

68, 30.781, 93.473

78, 15.779,
280.468

67, 38.567, 92.194

80, 23.243,
281.474

66, 46.082, 90.889

64, 53.029, 89.548

81, 29.179,
281.721

63, 58.940, 88.142

82, 27.122,
277.658

62, 63.193, 86.609

61, 65.563, 84.900

83, 25.220,
272.992

85, 23.508,
267.646

86, 22.026,
261.567

Harmonies

Complementary

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



73, 7.185, 97.108



70, 7.249, 279.360

Rectangle

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



73, 7.185, 97.108



73, 7.185, 147.108



73, 7.185, 277.108



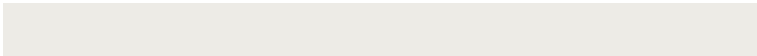
73, 7.185, 327.108

Sweetspot

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



73, 7.186, 97.122



93, 2.848, 97.795



70, 6.902, 0.326



50, 2.179, 97.718



97, 0.011, 296.813



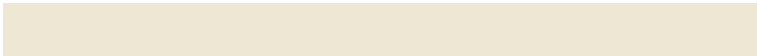
50, 0.007, 296.813

Same Dimension

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



73, 7.186, 97.122



92, 10.518, 96.903



74, 9.322, 119.344



38, 4.395, 97.115



52, 58.308, 85.042



7, 10.833, 90.926

Inverse Universe

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



70, 7.249, 279.360



87, 10.621, 279.607



69, 9.503, 300.502



36, 4.433, 279.367



23, 76.727, 300.804



2, 12.797, 282.159

Previews

White Background



This preview shows how the CIELCh color 73, 7.185, 97.108 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, 7.185, 97.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

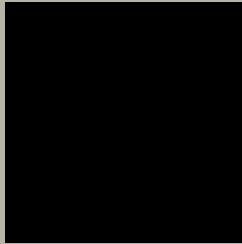
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

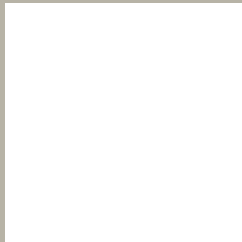
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 7.185, 97.108

Background



This preview shows how black text looks on a background with the CIELCh color 73, 7.185, 97.108.



This preview shows how white text looks on a background with the CIELCh color 73, 7.185, 97.108.

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, 7.185, 97.108

Protanopia

73, 7.018, 86.902

Deuteranopia

73, 11.417, 36.671



Tritanopia
73, 8.657, 318.678

Trichromacy



Original Color
73, 7.185, 97.108

Protanomaly
73, 6.879, 89.891

Deuteranomaly
73, 8.899, 48.916

Tritanomaly
73, 4.028, 347.069

Monochromacy



Original Color
73, 7.185, 97.108

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.797, 94.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 7.185, 97.108 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(183, 179, 166)` looks like.

```
.text, #text, p{  
    color:rgb(183, 179, 166)  
}
```

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(183, 179, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 179, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 7.185, 97.108 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(183, 179, 166) }
```

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

```
.border{ border-color:rgb(183, 179, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 179, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 179, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 179, 166);  
box-shadow:4px 4px 4px 4px rgb(183, 179,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 7.185, 97.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 179, 166) }
```

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

```
.background{ background-color: rgb(183,  
179, 166) }
```

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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