

Converting Colors

CIELCh(79, 5.424, 97.710)

Have a look what the booklet for
CIELCh(79, 5.424, 97.710) contains.

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Color

CIELCh(79, 5.424, 97.710)

Conversions

Conversions Part 1

Format	Color
Hex	C7C4BA
RGB	199, 196, 186
RGB Percent	78%, 77%, 73%
CMY	0.2211, 0.2328, 0.2721
CMYK	0.00, 0.02, 0.07, 0.22
HSL	46°, 10%, 75%
HSV	46°, 7%, 78%
XYZ	51.9299, 54.9284, 54.1109
YIQ	195.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

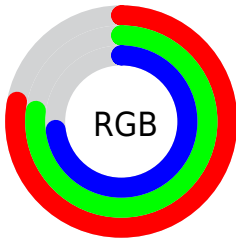
Format	Color
R_{YB}	190, 199, 186
Decimal	13092026
CIE Lab	79.00, -0.73, 5.37
CIE LCh	79, 5.424, 97.710
Yxy	54.9284, 0.3226, 0.3412
Android (android.graphics.Color)	4291282106 (0xFFC7C4BA)
YUV	195.7570, -4.8102, 2.8441
Hunter-Lab	74.1137, -4.6276, 8.5916

Details

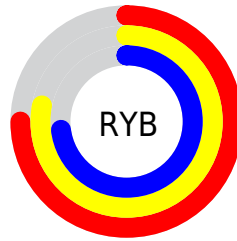
The CIELCh color **79, 5.424, 97.710** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 5.469, 279.321**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.612, 102.456**, and **59, 5.209, 96.260** is the 20% darker color. If you saturate the color by 10%, you get **77, 13.804, 96.567**, and if you desaturate by 10%, it is **81, 2.865, 278.961**.

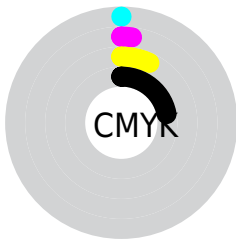
Distribution



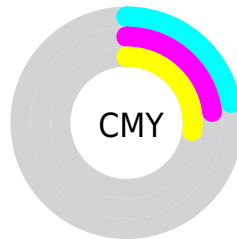
- Red (78%)
- Green (77%)
- Blue (73%)



- Red (75%)
- Yellow (78%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 5.424, 97.710 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 79, 5.424, 97.710 by changing the saturation by 10% instead.

 79, 5.424, 97.710  79, 5.424, 97.710

 100, 5.424, 97.710  69, 5.424, 97.710

 99, 5.424, 97.710  59, 5.424, 97.710

 49, 5.424, 97.710

 39, 5.424, 97.710

 29, 5.424, 97.710

 19, 5.424, 97.710

 9, 5.424, 97.710

 0, 5.424, 97.710

 79, 5.424, 97.710  79, 5.424, 97.710

77, 13.804, 96.567

81, 2.865, 278.961

76, 22.246, 95.355

82, 11.057,
280.011

74, 30.702, 94.109

84, 19.148,
281.052

73, 39.080, 92.836

71, 47.215, 91.539

86, 21.998,
278.874

70, 54.822, 90.211

87, 19.991,
272.812

69, 61.442, 88.831

67, 66.434, 87.347

88, 18.250,
265.553

66, 69.194, 85.675

89, 16.854,
256.995

90, 15.885,
247.216

92, 15.418,
236.580

Harmonies

Complementary

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



79, 5.424, 97.710



77, 5.469, 279.321

Rectangle

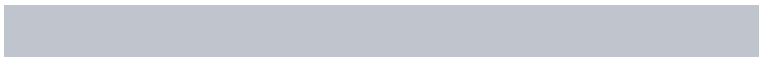
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 5.424, 97.710



79, 5.424, 147.710



79, 5.424, 277.710



79, 5.424, 327.710

Sweetspot

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



79, 5.425, 97.729



100, 2.019, 98.177



77, 5.126, 1.253



53, 1.147, 98.183



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 5.425, 97.729



98, 8.136, 97.551



80, 7.032, 120.159



41, 4.718, 97.407



55, 60.485, 85.372



10, 15.487, 89.648

Inverse Universe

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



77, 5.469, 279.321



95, 8.206, 279.514



76, 7.136, 300.940



39, 4.761, 279.674



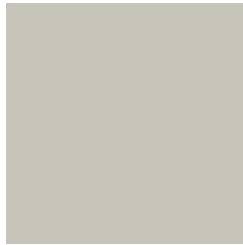
24, 80.237, 301.099



3, 18.106, 284.957

Previews

White Background



This preview shows how the CIELCh color 79, 5.424, 97.710 looks on a white background.

Color Contrast Check

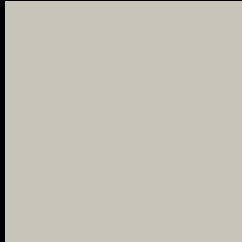
Large Text (above 18pt) WCAG AA × Fail

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 79, 5.424, 97.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

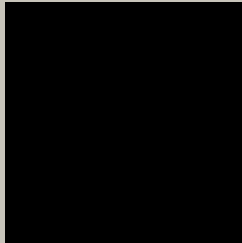
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

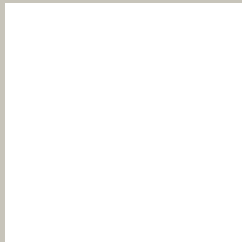
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 5.424, 97.710

Background



This preview shows how black text looks on a background with the CIELCh color 79, 5.424, 97.710.

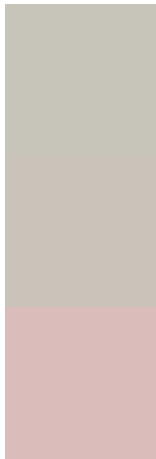


This preview shows how white text looks on a background with the CIELCh color 79, 5.424, 97.710.

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


79, 5.424, 97.710

Protanopia

79, 5.764, 86.606

Deuteranopia

79, 11.082, 25.716



Tritanopia
79, 8.841, 314.948

Trichromacy



Original Color
79, 5.424, 97.710

Protanomaly
79, 5.629, 90.160

Deuteranomaly
79, 7.857, 35.588

Tritanomaly
79, 4.373, 332.520

Monochromacy



Original Color
79, 5.424, 97.710

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.629, 96.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 5.424, 97.710 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(199, 196, 186)` looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 186)  
}
```

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(199, 196, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 5.424, 97.710 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(199, 196, 186) }
```

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

```
.border{ border-color:rgb(199, 196, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 196, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 186);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 5.424, 97.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 196, 186) }
```

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

```
.background{ background-color: rgb(199,  
196, 186) }
```

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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