

Converting Colors

CIELCh(79, 9.614, 103.505)

Have a look what the booklet for
CIELCh(79, 9.614, 103.505) contains.

CIELCh(79, 9.630, 102.483)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 9.630, 102.483)

Conversions

Conversions Part 1

Format	Color
Hex	C7C4B2
RGB	199, 196, 178
RGB Percent	78%, 77%, 70%
CMY	0.2190, 0.2308, 0.3014
CMYK	0.00, 0.02, 0.11, 0.22
HSL	51°, 16%, 74%
HSV	51°, 11%, 78%
XYZ	51.4157, 54.9284, 50.0880
YIQ	194.8450, 7.5660, -4.9620

Conversions

Conversions Part 2

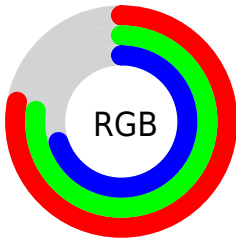
Format	Color
RYB	182, 199, 178
Decimal	13092018
CIELab	79.00, -2.08, 9.40
CIELCh	79, 9.630, 102.483
Yxy	54.9284, 0.3287, 0.3511
Android (android.graphics.Color)	4291282098 (0xFFC7C4B2)
YUV	194.8450, -8.3046, 3.6439
Hunter-Lab	74.1137, -5.8663, 11.8098

Details

The CIELCh color $79, 9.630, 102.483$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 9.792, 284.863$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 9.652, 105.161$, and $59, 9.659, 101.776$ is the 20% darker color. If you saturate the color by 10%, you get $78, 18.794, 101.394$, and if you desaturate by 10%, it is $80, 0.488, 103.324$.

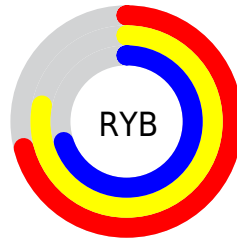
Distribution



Red (78%)

Green (77%)

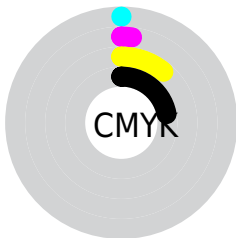
Blue (70%)



Red (71%)

Yellow (78%)

Blue (70%)

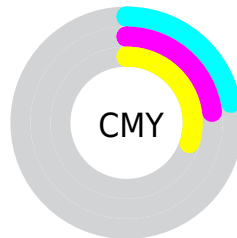


Cyan (0%)

Magenta (2%)

Yellow (11%)

Black (22%)



Cyan (22%)

Magenta (23%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 9.630, 102.483 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, 9.630, 102.483 by changing the saturation by 10% instead.

■ 79, 9.630, 102.483

■ 79, 9.630, 102.483

■ 100, 9.630,
102.483

■ 69, 9.630, 102.483

■ 99, 9.630, 102.483

■ 59, 9.630, 102.483

■ 49, 9.630, 102.483

■ 39, 9.630, 102.483

■ 29, 9.630, 102.483

■ 19, 9.630, 102.483

■ 9, 9.630, 102.483

■ 0, 9.630, 102.483

■ 79, 9.630, 102.483

■ 79, 9.630, 102.483

78, 18.794,
101.394

80, 0.488, 103.324

77, 27.926,
100.270

82, 8.606, 284.638

76, 36.941, 99.134

83, 17.637,
285.630

75, 45.692, 97.999

84, 25.129,
286.084

74, 53.940, 96.876

85, 23.689,
283.297

73, 61.306, 95.775

86, 22.310,
280.173

72, 67.252, 94.699

71, 71.175, 93.634

86, 21.006,
276.668

70, 73.021, 92.615

87, 19.789,
272.734

88, 18.676,
268.330

Harmonies

Complementary

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



79, 9.630, 102.483



74, 9.792, 284.863

Rectangle

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



79, 9.630, 102.483



79, 9.630, 152.483



79, 9.630, 282.483



79, 9.630, 332.483

Sweetspot

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



79, 9.632, 102.493



100, 3.335, 103.271



74, 8.136, 8.025



53, 2.531, 103.194



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, 9.632, 102.493



98, 14.521, 102.206



79, 11.513, 123.119



41, 5.172, 102.619



59, 63.066, 92.780



11, 17.154, 97.084

Inverse Universe

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



74, 9.792, 284.863



91, 14.815, 285.197



74, 11.737, 304.238



39, 5.251, 284.721



21, 87.946, 303.867



2, 19.370, 287.823

Previews

White Background



This preview shows how the CIELCh color 79, 9.630, 102.483 looks on a white background.

Color Contrast Check

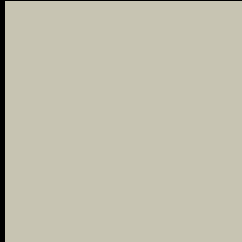
Large Text (above 18pt) WCAG AA × Fail

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, 9.630, 102.483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

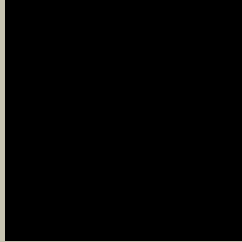
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

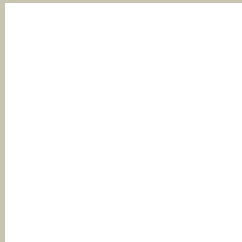
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 9.630, 102.483

Background



This preview shows how black text looks on a background with the CIELCh color 79, 9.630, 102.483.



This preview shows how white text looks on a background with the CIELCh color 79, 9.630, 102.483.

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, 9.630, 102.483

Protanopia

79, 10.040, 91.528

Deuteranopia

79, 12.916, 41.880



Tritanopia
79, 8.997, 317.062

Trichromacy



Original Color
79, 9.630, 102.483

Protanomaly
79, 9.931, 93.647

Deuteranomaly
79, 10.352, 61.570

Tritanomaly
79, 3.371, 351.197

Monochromacy



Original Color
79, 9.630, 102.483

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 3.268, 96.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 9.630, 102.483 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 9.630, 102.483 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, 178) }
```

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

```
.border{ border-color:rgb(199, 196, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 178);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 9.630, 102.483 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, 178) }
```

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

```
.background{ background-color: rgb(199,  
196, 178) }
```

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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