

Converting Colors

CIELCh(78, 9.260, 97.409)

Have a look what the booklet for
CIELCh(78, 9.260, 97.409) contains.

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Color

CIELCh(78, 9.251, 97.415)

Conversions

Conversions Part 1

Format	Color
Hex	C6C1B0
RGB	198, 193, 176
RGB Percent	78%, 76%, 69%
CMY	0.2240, 0.2436, 0.3102
CMYK	0.00, 0.03, 0.11, 0.22
HSL	46°, 16%, 73%
HSV	46°, 11%, 78%
XYZ	50.1306, 53.2120, 48.6466
YIQ	192.5570, 8.4370, -4.2270

Conversions

Conversions Part 2

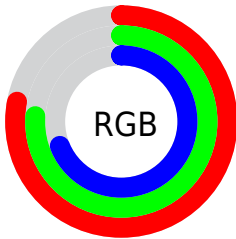
Format	Color
RYB	182, 198, 176
Decimal	13025712
CIELab	78.00, -1.19, 9.17
CIELCh	78, 9.251, 97.415
Yxy	53.2120, 0.3298, 0.3501
Android (android.graphics.Color)	4291215792 (0xFFC6C1B0)
YUV	192.5570, -8.1626, 4.7735
Hunter-Lab	72.9466, -4.9870, 11.5233

Details

The CIELCh color $78, 9.251, 97.415$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 9.350, 280.111$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 8.893, 95.390$, and $58, 9.186, 98.854$ is the 20% darker color. If you saturate the color by 10%, you get $76, 17.666, 96.241$, and if you desaturate by 10%, it is $80, 0.916, 98.414$.

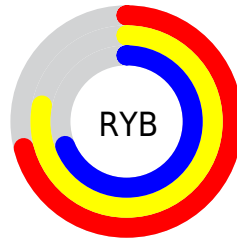
Distribution



Red (78%)

Green (76%)

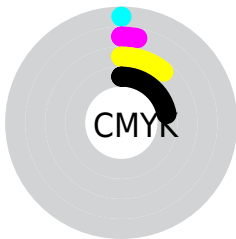
Blue (69%)



Red (71%)

Yellow (78%)

Blue (69%)

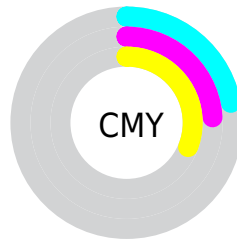


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 9.251, 97.415 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 78, 9.251, 97.415 by changing the saturation by 10% instead.

 78, 9.251, 97.415  78, 9.251, 97.415

 100, 9.251, 97.415  68, 9.251, 97.415

 98, 9.251, 97.415  58, 9.251, 97.415

 48, 9.251, 97.415


 38, 9.251, 97.415

 28, 9.251, 97.415

 18, 9.251, 97.415

 8, 9.251, 97.415

 0, 9.251, 97.415

 78, 9.251, 97.415  78, 9.251, 97.415

76, 17.666, 96.241

80, 0.916, 98.414

75, 26.120, 95.016

81, 7.329, 279.737

73, 34.550, 93.762

83, 15.474,
280.791

72, 42.833, 92.484

85, 23.494,
281.791

70, 50.755, 91.181

69, 57.959, 89.843

86, 21.401,
276.496

68, 63.899, 88.436

87, 19.525,
270.169

67, 67.896, 86.896

66, 69.789, 85.388

88, 17.930,
262.667

89, 16.691,
253.940

91, 15.885,
244.141

Harmonies

Complementary

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



78, 9.251, 97.415



74, 9.350, 280.111

Rectangle

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



78, 9.251, 97.415



78, 9.251, 147.415



78, 9.251, 277.415



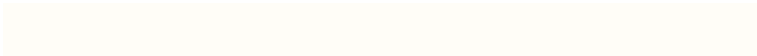
78, 9.251, 327.415

Sweetspot

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



78, 9.252, 97.427



99, 3.047, 98.313



74, 8.780, 1.751



53, 2.312, 98.234



0, 0.000, 0.000



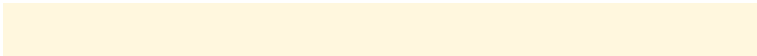
53, 0.007, 296.813

Same Dimension

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



78, 9.252, 97.427



97, 13.310, 97.184



79, 11.914, 119.879



41, 4.735, 97.626



55, 60.562, 85.671



10, 15.545, 89.967

Inverse Universe

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



74, 9.350, 280.111



91, 13.469, 280.391



73, 12.183, 301.245



39, 4.779, 279.887



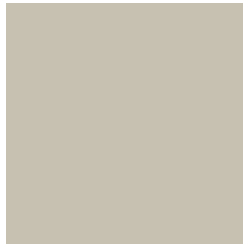
24, 80.568, 301.228



3, 18.154, 285.075

Previews

White Background



This preview shows how the CIELCh color 78, 9.251, 97.415 looks on a white background.

Color Contrast Check

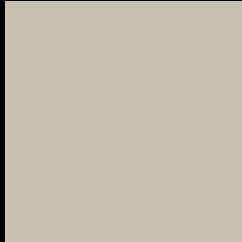
Large Text (above 18pt) WCAG AA × Fail

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 78, 9.251, 97.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

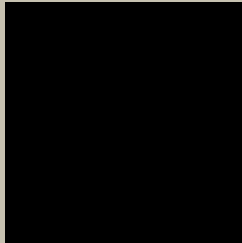
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

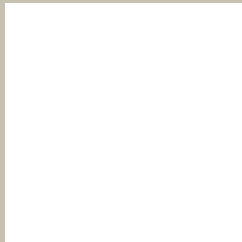
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 9.251, 97.415

Background



This preview shows how black text looks on a background with the CIELCh color 78, 9.251, 97.415.



This preview shows how white text looks on a background with the CIELCh color 78, 9.251, 97.415.

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


78, 9.251, 97.415

Protanopia

78, 9.561, 90.611

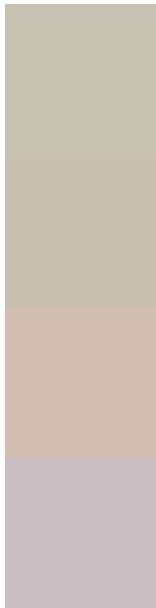
Deuteranopia

78, 12.962, 41.876



Tritanopia
78, 9.370, 321.084

Trichromacy



Original Color
78, 9.251, 97.415

Protanomaly
78, 9.446, 92.831

Deuteranomaly
78, 10.330, 58.004

Tritanomaly
78, 4.619, 352.101

Monochromacy



Original Color
78, 9.251, 97.415

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.278, 96.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 9.251, 97.415 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(198, 193, 176)` looks like.

```
.text, #text, p{  
    color:rgb(198, 193, 176)  
}
```

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(198, 193, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 193, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 9.251, 97.415 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(198, 193, 176) }
```

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

```
.border{ border-color:rgb(198, 193, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 193, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 193, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 193, 176);  
box-shadow:4px 4px 4px 4px rgb(198, 193,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 9.251, 97.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 193, 176) }
```

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

```
.background{ background-color: rgb(198,  
193, 176) }
```

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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