

Converting Colors

CIELCh(78, 5.316, 92.828)

Have a look what the booklet for
CIELCh(78, 5.316, 92.828) contains.

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Color

CIELCh(78, 5.528, 93.861)

Conversions

Conversions Part 1

Format	Color
Hex	C5C1B7
RGB	197, 193, 183
RGB Percent	77%, 76%, 72%
CMY	0.2288, 0.2445, 0.2837
CMYK	0.00, 0.02, 0.07, 0.23
HSL	43°, 11%, 74%
HSV	43°, 7%, 77%
XYZ	50.4371, 53.2120, 52.2226
YIQ	193.0560, 5.5940, -2.2620

Conversions

Conversions Part 2

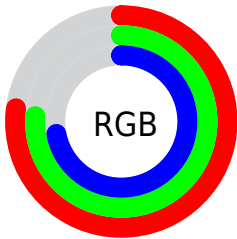
Format	Color
RYB	189, 197, 183
Decimal	12960183
CIELab	78.00, -0.37, 5.52
CIELCh	78, 5.528, 93.861
Yxy	53.2120, 0.3236, 0.3414
Android (android.graphics.Color)	4291150263 (0xFFC5C1B7)
YUV	193.0560, -4.9576, 3.4589
Hunter-Lab	72.9466, -4.2369, 8.6167

Details

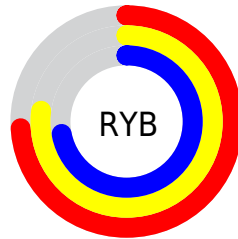
The CIELCh color $78, 5.528, 93.861$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 5.556, 275.686$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 5.370, 90.337$, and $58, 5.775, 97.447$ is the 20% darker color. If you saturate the color by 10%, you get $76, 13.417, 92.670$, and if you desaturate by 10%, it is $80, 2.234, 275.197$.

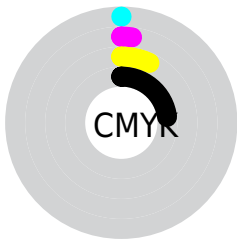
Distribution



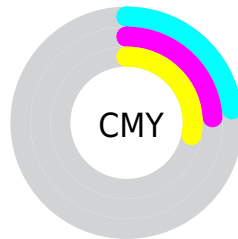
- Red (77%)
- Green (76%)
- Blue (72%)



- Red (74%)
- Yellow (77%)
- Blue (72%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (23%)



- Cyan (23%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 5.528, 93.861 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, 5.528, 93.861 by changing the saturation by 10% instead.

 78, 5.528, 93.861

 78, 5.528, 93.861

 100, 5.528, 93.861

 68, 5.528, 93.861

 98, 5.528, 93.861

 58, 5.528, 93.861

 48, 5.528, 93.861

 38, 5.528, 93.861

 28, 5.528, 93.861

 18, 5.528, 93.861

 8, 5.528, 93.861

 0, 5.528, 93.861

 78, 5.528, 93.861

 78, 5.528, 93.861

76, 13.417, 92.670

80, 2.234, 275.197

74, 21.412, 91.403

82, 9.871, 276.265

72, 29.478, 90.097

84, 17.384,
277.346

71, 37.538, 88.753

86, 21.610,
275.811

69, 45.444, 87.370

67, 52.932, 85.929

87, 19.338,
267.742

66, 59.555, 84.389

89, 17.535,
257.869

64, 64.651, 82.664

63, 67.598, 80.632

90, 16.343,
246.260

92, 15.888,
233.523

93, 16.216,
220.771

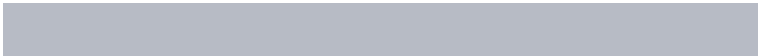
Harmonies

Complementary

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



78, 5.528, 93.861



76, 5.556, 275.686

Rectangle

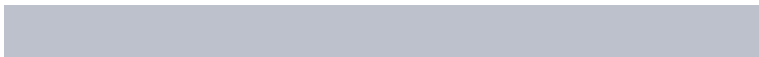
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 5.528, 93.861



78, 5.528, 143.861



78, 5.528, 273.861



78, 5.528, 323.861

Sweetspot

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



78, 5.529, 93.880



100, 1.903, 94.396



76, 5.714, 356.541



53, 1.082, 94.401



0, 0.000, 0.000



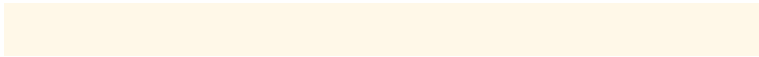
53, 0.007, 296.813

Same Dimension

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



78, 5.529, 93.880



98, 8.652, 93.643



79, 7.527, 117.519



41, 4.457, 93.613



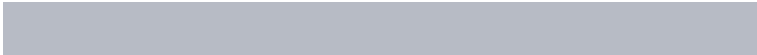
52, 59.516, 80.390



10, 14.605, 84.093

Inverse Universe

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



76, 5.556, 275.686



94, 8.691, 275.947



75, 7.651, 298.488



39, 4.477, 275.980



26, 74.579, 298.742



3, 17.341, 282.954

Previews

White Background



This preview shows how the CIELCh color 78, 5.528, 93.861 looks on a white background.

Color Contrast Check

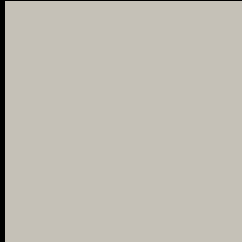
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 5.528, 93.861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

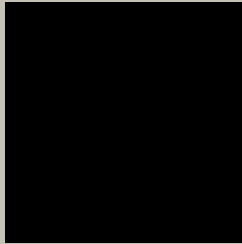
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

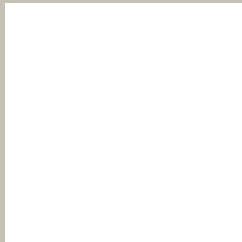
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 5.528, 93.861

Background



This preview shows how black text looks on a background with the CIELCh color 78, 5.528, 93.861.

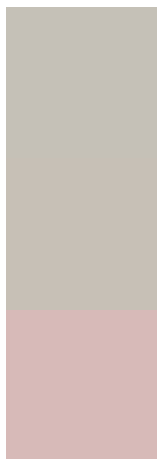


This preview shows how white text looks on a background with the CIELCh color 78, 5.528, 93.861.

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, 5.528, 93.861

Protanopia

78, 5.939, 83.209

Deuteranopia

78, 11.119, 25.727



Tritanopia
78, 9.022, 317.066

Trichromacy



Original Color
78, 5.528, 93.861

Protanomaly
78, 5.781, 86.593

Deuteranomaly
78, 7.883, 35.590

Tritanomaly
78, 4.643, 335.904

Monochromacy



Original Color
78, 5.528, 93.861

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.156, 100.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 5.528, 93.861 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(197, 193, 183)` looks like.

```
.text, #text, p{  
    color:rgb(197, 193, 183)  
}
```

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(197, 193, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 193, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 5.528, 93.861 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(197, 193, 183) }
```

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

```
.border{ border-color:rgb(197, 193, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 193, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 193, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 193, 183);  
box-shadow:4px 4px 4px 4px rgb(197, 193,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 5.528, 93.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 193, 183) }
```

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

```
.background{ background-color: rgb(197,  
193, 183) }
```

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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