

Converting Colors

CIELCh(79, 1.162, 59.080)

Have a look what the booklet for
CIELCh(79, 1.162, 59.080) contains.

CIELCh(79, 1.220, 44.900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(79, 1.220, 44.900)

Conversions

Conversions Part 1

Format	Color
Hex	C6C3C2
RGB	198, 195, 194
RGB Percent	78%, 76%, 76%
CMY	0.2235, 0.2353, 0.2392
CMYK	0.00, 0.02, 0.02, 0.22
HSL	15°, 3%, 77%
HSV	15°, 2%, 78%
XYZ	52.5390, 54.9284, 58.8693
YIQ	195.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

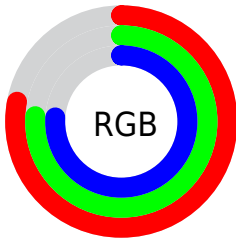
Format	Color
RYB	198, 195, 194
Decimal	13026242
CIELab	79.00, 0.86, 0.86
CIElCh	79, 1.220, 44.900
Yxy	54.9284, 0.3159, 0.3302
Android (android.graphics.Color)	4291216322 (0xFFC6C3C2)
YUV	195.7830, -0.8790, 1.9443
Hunter-Lab	74.1137, -3.1607, 4.7849

Details

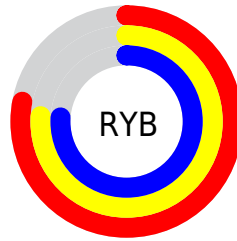
The CIELCh color **79, 1.220, 44.900** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 1.212, 226.044**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.449, 63.328**, and **59, 1.298, 44.980** is the 20% darker color. If you saturate the color by 10%, you get **75, 7.557, 44.951**, and if you desaturate by 10%, it is **83, 4.654, 226.016**.

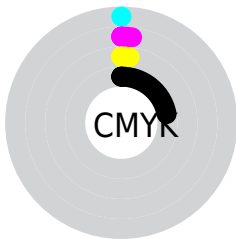
Distribution



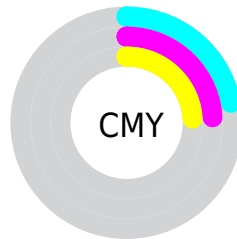
- Red (78%)
- Green (76%)
- Blue (76%)



- Red (78%)
- Yellow (76%)
- Blue (76%)



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



- Cyan (22%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 1.220, 44.900 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, 1.220, 44.900 by changing the saturation by 10% instead.

 79, 1.220, 44.900  79, 1.220, 44.900

 100, 1.220, 44.900  69, 1.220, 44.900

 99, 1.220, 44.900  59, 1.220, 44.900

 49, 1.220, 44.900

 39, 1.220, 44.900

 29, 1.220, 44.900

 19, 1.220, 44.900

 9, 1.220, 44.900

 0, 1.220, 44.900

 79, 1.220, 44.900

 79, 1.220, 44.900

75, 7.557, 44.951

83, 4.654, 226.016

70, 14.409, 44.652

88, 10.115,
226.466

66, 21.821, 44.439

92, 15.213,
226.985

62, 29.824, 44.356

58, 38.415, 44.432

96, 18.483,
199.352

55, 47.535, 44.678

96, 18.710,
198.269

52, 57.008, 45.064

49, 66.410, 45.448

46, 74.808, 45.448

Harmonies

Complementary

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



79, 1.220, 44.900



79, 1.212, 226.044

Rectangle

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



79, 1.220, 44.900



79, 1.220, 94.900



79, 1.220, 224.900



79, 1.220, 274.900

Sweetspot

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



79, 1.220, 45.003



99, 0.736, 44.618



79, 2.193, 332.323



53, 0.419, 44.575



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, 1.220, 45.003



99, 1.482, 45.005



80, 1.626, 96.885



42, 0.686, 44.977



37, 69.201, 45.559



5, 13.833, 34.535

Inverse Universe

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



79, 1.212, 226.044



99, 1.472, 226.042



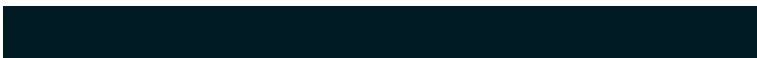
79, 1.646, 277.578



42, 0.683, 226.070



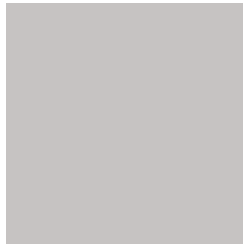
48, 32.711, 245.942



8, 11.144, 235.710

Previews

White Background



This preview shows how the CIELCh color 79, 1.220, 44.900 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 79, 1.220, 44.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

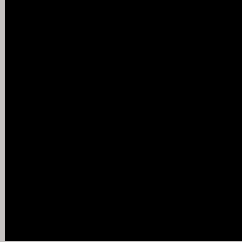
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

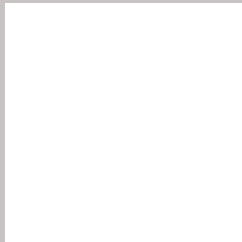
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 1.220, 44.900

Background



This preview shows how black text looks on a background with the CIELCh color 79, 1.220, 44.900.

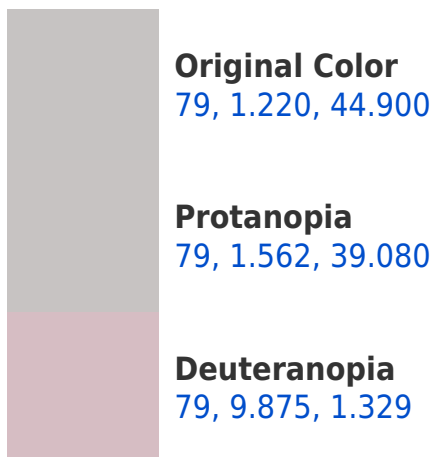



This preview shows how white text looks on a background with the CIELCh color 79, 1.220, 44.900.

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





Tritanopia
79, 8.442, 308.212

Trichromacy



Original Color
79, 1.220, 44.900

Protanomaly
79, 1.562, 39.080

Deuteranomaly
79, 6.681, 1.290

Tritanomaly
79, 5.167, 311.144

Monochromacy



Original Color
79, 1.220, 44.900

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 0.637, 74.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 1.220, 44.900 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, 195, 194)` looks like.

```
.text, #text, p{  
    color:rgb(198, 195, 194)  
}
```

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, 195, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 195, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 1.220, 44.900 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, 195, 194) }
```

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

```
.border{ border-color:rgb(198, 195, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 195, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 195, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 195, 194); box-shadow:4px 4px 4px 4px rgb(198, 195, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 1.220, 44.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 195, 194) }
```

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

```
.background{ background-color: rgb(198,  
195, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor