

Converting Colors

CIELCh(79, 7.985, 11.884)

Have a look what the booklet for
CIELCh(79, 7.985, 11.884) contains.

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Color

CIELCh(79, 7.935, 12.291)

Conversions

Conversions Part 1

Format	Color
Hex	D4BFC1
RGB	212, 191, 193
RGB Percent	83%, 75%, 76%
CMY	0.1698, 0.2521, 0.2443
CMYK	0.00, 0.10, 0.09, 0.17
HSL	354°, 20%, 79%
HSV	354°, 10%, 83%
XYZ	55.2298, 54.9284, 57.9763
YIQ	197.5070, 11.8740, 5.0740

Conversions

Conversions Part 2

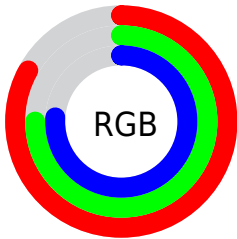
Format	Color
RYB	212, 191, 193
Decimal	13942721
CIELab	79.00, 7.75, 1.69
CIElCh	79, 7.935, 12.291
Yxy	54.9284, 0.3285, 0.3267
Android (android.graphics.Color)	4292132801 (0xFFD4BFC1)
YUV	197.5070, -2.2220, 12.7104
Hunter-Lab	74.1137, 3.3199, 5.4993

Details

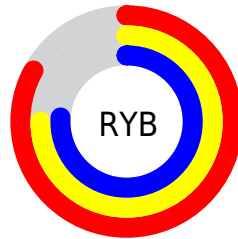
The CIELCh color **79, 7.935, 12.291** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 7.535, 190.867**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.011, 359.612**, and **59, 7.651, 11.686** is the 20% darker color. If you saturate the color by 10%, you get **73, 16.466, 13.347**, and if you desaturate by 10%, it is **85, 0.064, 200.326**.

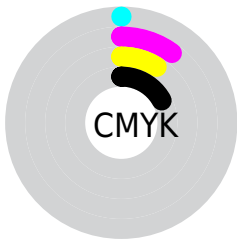
Distribution



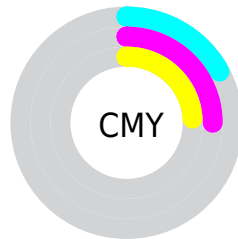
- Red (83%)
- Green (75%)
- Blue (76%)



- Red (83%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (17%)



- Cyan (17%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 7.935, 12.291 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, 7.935, 12.291 by changing the saturation by 10% instead.

 79, 7.935, 12.291  79, 7.935, 12.291

 100, 7.935, 12.291  69, 7.935, 12.291

 99, 7.935, 12.291  59, 7.935, 12.291

 49, 7.935, 12.291


 39, 7.935, 12.291

 29, 7.935, 12.291

 19, 7.935, 12.291

 9, 7.935, 12.291

 0, 7.935, 12.291

 79, 7.935, 12.291  79, 7.935, 12.291

73, 16.466, 13.347

85, 0.064, 200.326

68, 25.509, 14.603

91, 7.538, 190.926

62, 34.980, 16.169

97, 14.525,
190.302

58, 44.710, 18.154

97, 14.459,
198.542

53, 54.439, 20.686

50, 63.844, 23.890

47, 72.595, 27.813

45, 80.381, 32.270

44, 86.794, 36.461

Harmonies

Complementary

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



79, 7.935, 12.291



83, 7.535, 190.867

Rectangle

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



79, 7.935, 12.291



79, 7.935, 62.291



79, 7.935, 192.291



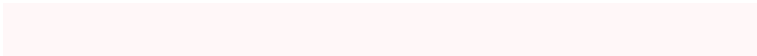
79, 7.935, 242.291

Sweetspot

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



79, 7.933, 12.304



98, 2.730, 11.551



79, 13.175, 322.176



52, 2.074, 11.667



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, 7.933, 12.304



92, 11.249, 12.523



81, 6.479, 62.819



42, 4.577, 12.256



35, 73.446, 35.831



5, 21.966, 15.526

Inverse Universe

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



79, 7.933, 12.304



92, 11.249, 12.523



81, 6.228, 245.076



42, 4.577, 12.256



35, 73.446, 35.831



5, 21.966, 15.526

Previews

White Background



This preview shows how the CIELCh color 79, 7.935, 12.291 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, 7.935, 12.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

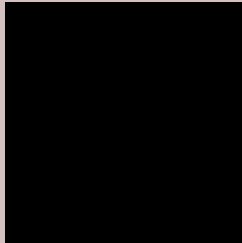
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 7.935, 12.291

Background



This preview shows how black text looks on a background with the CIELCh color 79, 7.935, 12.291.



This preview shows how white text looks on a background with the CIELCh color 79, 7.935, 12.291.

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, 7.935, 12.291

Protanopia

79, 1.475, 19.154

Deuteranopia

79, 9.985, 7.895



Tritanopia
79, 11.935, 338.289

Trichromacy



Original Color
79, 7.935, 12.291

Protanomaly
79, 4.121, 12.184

Deuteranomaly
79, 9.140, 10.061

Tritanomaly
79, 10.058, 348.240

Monochromacy



Original Color
79, 7.935, 12.291

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 2.588, 19.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 7.935, 12.291 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(212, 191, 193)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 193)  
}
```

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(212, 191, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 7.935, 12.291 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(212, 191, 193) }
```

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

```
.border{ border-color:rgb(212, 191, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 191, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 193);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 7.935, 12.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 193) }
```

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

```
.background{ background-color: rgb(212,  
191, 193) }
```

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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