

Converting Colors

CIELCh(70, 12.476, 1.047)

Have a look what the booklet for
CIELCh(70, 12.476, 1.047) contains.

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Color

CIELCh(70, 12.682, 0.483)

Conversions

Conversions Part 1

Format	Color
Hex	C2A3AB
RGB	194, 163, 171
RGB Percent	76%, 64%, 67%
CMY	0.2381, 0.3597, 0.3283
CMYK	0.00, 0.16, 0.12, 0.24
HSL	345°, 20%, 70%
HSV	345°, 16%, 76%
XYZ	42.8437, 40.7494, 44.2733
YIQ	173.1810, 15.9080, 9.0600

Conversions

Conversions Part 2

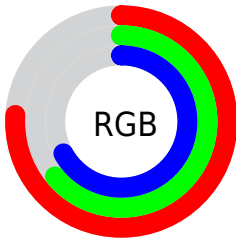
Format	Color
RYB	194, 163, 171
Decimal	12755883
CIELab	70.00, 12.68, 0.11
CIELCh	70, 12.682, 0.483
Yxy	40.7494, 0.3351, 0.3187
Android (android.graphics.Color)	4290945963 (0xFFC2A3AB)
YUV	173.1810, -1.0752, 18.2583
Hunter-Lab	63.8353, 8.0904, 3.5638

Details

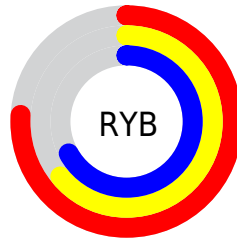
The CIELCh color $70, 12.682, 0.483$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 12.030, 177.497$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 12.708, 1.326$, and $50, 12.800, 359.697$ is the 20% darker color. If you saturate the color by 10%, you get $65, 21.044, 1.716$, and if you desaturate by 10%, it is $75, 4.630, 359.388$.

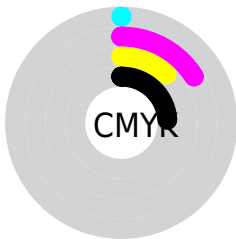
Distribution



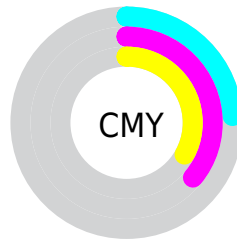
- Red (76%)
- Green (64%)
- Blue (67%)



- Red (76%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (24%)



- Cyan (24%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 12.682, 0.483 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 70, 12.682, 0.483 by changing the saturation by 10% instead.

 70, 12.682, 0.483

 70, 12.682, 0.483

 100, 12.682, 0.483

 60, 12.682, 0.483

 90, 12.682, 0.483

 50, 12.682, 0.483

 40, 12.682, 0.483

 30, 12.682, 0.483


 20, 12.682, 0.483

 10, 12.682, 0.483

 0, 12.682, 0.483

 70, 12.682, 0.483

 70, 12.682, 0.483

 65, 21.044, 1.716

 75, 4.630, 359.388

60, 29.619, 3.168

81, 3.057, 178.751

55, 38.221, 4.932

86, 10.370,
177.849

51, 46.579, 7.119

92, 17.318,
177.127

47, 54.344, 9.872

44, 61.163, 13.356

96, 21.271,
181.717

42, 66.815, 17.704

96, 19.829,
198.198

41, 71.375, 22.899

41, 73.174, 25.019

Harmonies

Complementary

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



70, 12.682, 0.483



76, 12.030, 177.497

Rectangle

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



70, 12.682, 0.483



70, 12.682, 50.483



70, 12.682, 180.483



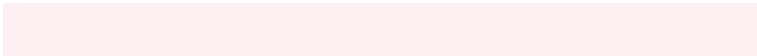
70, 12.682, 230.483

Sweetspot

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



70, 12.680, 0.489



96, 4.796, 359.286



70, 18.973, 317.447



51, 3.304, 359.369



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 12.680, 0.489



87, 18.806, 0.878



72, 10.109, 42.850



38, 4.430, 359.762



33, 63.186, 24.136



3, 14.463, 5.612

Inverse Universe

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



70, 12.680, 0.489



87, 18.806, 0.878



74, 9.155, 224.255



38, 4.430, 359.762



33, 63.186, 24.136



3, 14.463, 5.612

Previews

White Background



This preview shows how the CIELCh color 70, 12.682, 0.483 looks on a white background.

Color Contrast Check

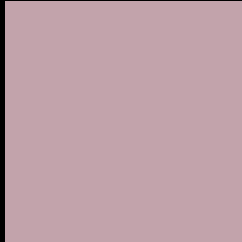
Large Text (above 18pt) WCAG AA × Fail

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 70, 12.682, 0.483 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 70, 12.682, 0.483

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.682, 0.483.



This preview shows how white text looks on a background with the CIELCh color 70, 12.682, 0.483.

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


70, 12.682, 0.483

Protanopia

70, 2.979, 312.554

Deuteranopia

70, 8.857, 2.259



Tritanopia
70, 13.846, 352.518

Trichromacy



Original Color
70, 12.682, 0.483

Protanomaly
70, 5.931, 346.319

Deuteranomaly
70, 10.129, 1.481

Tritanomaly
70, 13.617, 354.568

Monochromacy



Original Color
70, 12.682, 0.483

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 4.852, 0.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.682, 0.483 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(194, 163, 171)` looks like.

```
.text, #text, p{  
    color:rgb(194, 163, 171)  
}
```

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(194, 163, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 163, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.682, 0.483 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(194, 163, 171) }
```

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

```
.border{ border-color:rgb(194, 163, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 163, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 163, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 163, 171);  
box-shadow:4px 4px 4px 4px rgb(194, 163,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.682, 0.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 163, 171) }
```

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

```
.background{ background-color: rgb(194,  
163, 171) }
```

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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