

Converting Colors

CIELCh(70, 12.067, 0.993)

Have a look what the booklet for
CIELCh(70, 12.067, 0.993) contains.

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Color

CIELCh(70, 11.773, 1.590)

Conversions

Conversions Part 1

Format	Color
Hex	C1A4AB
RGB	193, 164, 171
RGB Percent	76%, 64%, 67%
CMY	0.2437, 0.3574, 0.3300
CMYK	0.00, 0.15, 0.11, 0.24
HSL	346°, 19%, 70%
HSV	346°, 15%, 76%
XYZ	42.5383, 40.7494, 44.0766
YIQ	173.4690, 15.0370, 8.3250

Conversions

Conversions Part 2

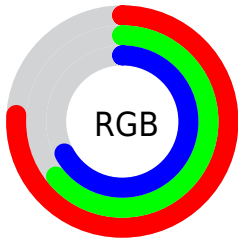
Format	Color
RYB	193, 164, 171
Decimal	12690603
CIELab	70.00, 11.77, 0.33
CIElCh	70, 11.773, 1.590
Yxy	40.7494, 0.3340, 0.3199
Android (android.graphics.Color)	4290880683 (0xFFC1A4AB)
YUV	173.4690, -1.2172, 17.1287
Hunter-Lab	63.8353, 7.2364, 3.7465

Details

The CIELCh color $70, 11.773, 1.590$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 11.172, 178.816$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 11.849, 2.468$, and $50, 11.825, 0.739$ is the 20% darker color. If you saturate the color by 10%, you get $65, 20.026, 2.809$, and if you desaturate by 10%, it is $75, 3.850, 0.492$.

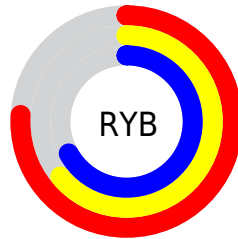
Distribution



Red (76%)

Green (64%)

Blue (67%)



Red (76%)

Yellow (64%)

Blue (67%)

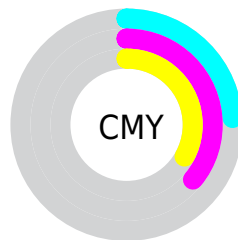


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 11.773, 1.590 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, 11.773, 1.590 by changing the saturation by 10% instead.

 70, 11.773, 1.590  70, 11.773, 1.590

 100, 11.773, 1.590  60, 11.773, 1.590

 90, 11.773, 1.590  50, 11.773, 1.590

 40, 11.773, 1.590

 30, 11.773, 1.590

 20, 11.773, 1.590

 10, 11.773, 1.590

 0, 11.773, 1.590

 70, 11.773, 1.590  70, 11.773, 1.590

 65, 20.026, 2.809  75, 3.850, 0.492

60, 28.524, 4.246

81, 3.696, 179.866

55, 37.096, 5.992

86, 10.861,
179.003

51, 45.488, 8.159

92, 17.660,
178.297

47, 53.368, 10.887

44, 60.386, 14.337

96, 21.576,
182.848

42, 66.312, 18.640

96, 20.257,
198.171

41, 71.171, 23.779

40, 73.478, 26.380

Harmonies

Complementary

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



70, 11.773, 1.590



76, 11.172, 178.816

Rectangle

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



70, 11.773, 1.590



70, 11.773, 51.590



70, 11.773, 181.590



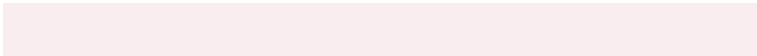
70, 11.773, 231.590

Sweetspot

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



70, 11.771, 1.596



95, 4.721, 0.498



70, 17.827, 317.926



50, 3.226, 0.580



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 11.771, 1.596



86, 17.523, 1.971



72, 9.364, 44.759



38, 4.398, 0.974



33, 63.787, 25.535



3, 14.409, 6.469

Inverse Universe

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



70, 11.771, 1.596



86, 17.523, 1.971



74, 8.550, 226.330



38, 4.398, 0.974



33, 63.787, 25.535



3, 14.409, 6.469

Previews

White Background



This preview shows how the CIELCh color 70, 11.773, 1.590 looks on a white background.

Color Contrast Check

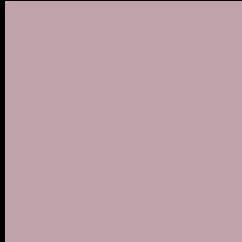
Large Text (above 18pt) WCAG AA × Fail

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, 11.773, 1.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

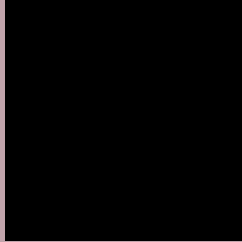
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 11.773, 1.590

Background



This preview shows how black text looks on a background with the CIELCh color 70, 11.773, 1.590.



This preview shows how white text looks on a background with the CIELCh color 70, 11.773, 1.590.

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, 11.773, 1.590

Protanopia

70, 2.979, 312.554

Deuteranopia

70, 8.719, 5.685



Tritanopia
70, 13.435, 348.792

Trichromacy



Original Color
70, 11.773, 1.590

Protanomaly
70, 5.321, 348.907

Deuteranomaly
70, 9.984, 4.461

Tritanomaly
70, 12.929, 352.963

Monochromacy



Original Color
70, 11.773, 1.590

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 3.955, 3.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 11.773, 1.590 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(193, 164, 171)` looks like.

```
.text, #text, p{  
    color:rgb(193, 164, 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(193, 164, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 164, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 11.773, 1.590 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(193, 164, 171) }
```

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

```
.border{ border-color:rgb(193, 164, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 164, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 164, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 164, 171);  
box-shadow:4px 4px 4px 4px rgb(193, 164,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 11.773, 1.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 164, 171) }
```

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

```
.background{ background-color: rgb(193,  
164, 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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