

Converting Colors

CIELCh(70, 20.280, 108.121)

Have a look what the booklet for
CIELCh(70, 20.280, 108.121)
contains.

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Color

CIELCh(70, 20.071, 108.139)

Conversions

Conversions Part 1

Format	Color
Hex	ADAD88
RGB	173, 173, 136
RGB Percent	68%, 68%, 53%
CMY	0.3201, 0.3201, 0.4652
CMYK	0.00, 0.00, 0.21, 0.32
HSL	60°, 18%, 61%
HSV	60°, 21%, 68%
XYZ	36.8053, 40.7494, 29.3549
YIQ	168.7820, 11.8770, -11.5070

Conversions

Conversions Part 2

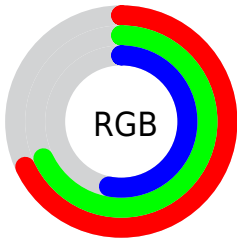
Format	Color
RYB	136, 173, 136
Decimal	11382152
CIELab	70.00, -6.25, 19.07
CIELCh	70, 20.071, 108.139
Yxy	40.7494, 0.3443, 0.3812
Android (android.graphics.Color)	4289572232 (0xFFADAD88)
YUV	168.7820, -16.1615, 3.6992
Hunter-Lab	63.8353, -8.7945, 17.4199

Details

The CIELCh color **70, 20.071, 108.139** is a light color, and the websafe version is hex **999966**. A complement of this color would be **58, 21.078, 292.577**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 20.124, 107.437**, and **50, 20.200, 108.756** is the 20% darker color. If you saturate the color by 10%, you get **70, 29.304, 107.193**, and if you desaturate by 10%, it is **70, 10.704, 109.098**.

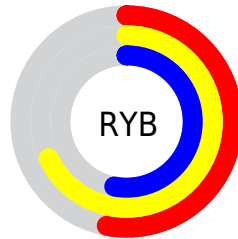
Distribution



Red (68%)

Green (68%)

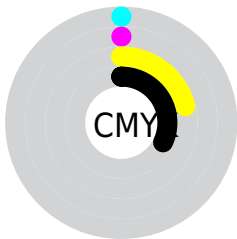
Blue (53%)



Red (53%)

Yellow (68%)

Blue (53%)

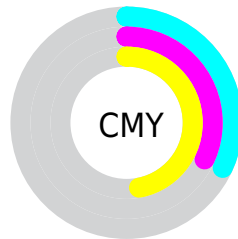


Cyan (0%)

Magenta (0%)

Yellow (21%)

Black (32%)



Cyan (32%)


Magenta (32%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 20.071, 108.139 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, 20.071, 108.139 by changing the saturation by 10% instead.


 70, 20.071,
108.139


 70, 20.071,
108.139


 100, 20.071,
108.139


 60, 20.071,
108.139


 90, 20.071,
108.139

 50, 20.071,
108.139

 40, 20.071,
108.139

 30, 20.071,
108.139

 20, 20.071,
108.139

 10, 20.071,
108.139

 0, 20.071, 108.139

70, 20.071,
108.139

70, 20.071,
108.139

70, 29.304,
107.193

70, 10.704,
109.098

69, 38.289,
106.267

71, 1.267, 110.007

69, 46.860,
105.389

71, 8.191, 290.988

69, 54.768,
104.590

72, 17.640,
291.885

69, 61.659,
103.906

72, 27.058,
292.751

69, 67.103,
103.375

73, 36.430,
293.578

69, 70.707,
103.030

74, 44.277,
294.244

69, 72.572,

74, 44.277,
294.244

102.853

■ 74, 44.277,
294.244

Harmonies

Complementary

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



70, 20.071, 108.139



58, 21.078, 292.577

Rectangle

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



70, 20.071, 108.139



70, 20.071, 158.139



70, 20.071, 288.139



70, 20.071, 338.139

Sweetspot

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



70, 20.073, 108.144



89, 6.982, 109.593



60, 15.084, 20.933



47, 4.625, 109.535



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



70, 20.073, 108.144



88, 30.072, 107.657



69, 21.487, 128.110



37, 5.341, 109.292



60, 65.376, 102.853



7, 11.345, 110.177

Inverse Universe

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



58, 21.078, 292.577



70, 31.996, 293.283



60, 22.114, 310.056



33, 5.457, 291.127



17, 90.272, 306.287



1, 11.347, 290.178

Previews

White Background



This preview shows how the CIELCh color 70, 20.071, 108.139 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, 20.071, 108.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

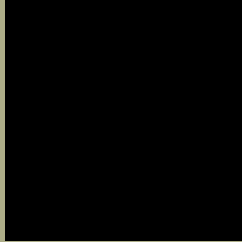
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

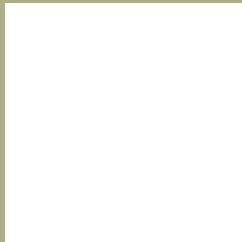
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 20.071, 108.139

Background



This preview shows how black text looks on a background with the CIELCh color 70, 20.071, 108.139.



This preview shows how white text looks on a background with the CIELCh color 70, 20.071, 108.139.

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, 20.071, 108.139

Protanopia
70, 20.083, 95.223

Deuteranopia
70, 20.435, 63.720



Tritanopia
70, 8.919, 320.823

Trichromacy



Original Color
70, 20.071, 108.139

Protanomaly
70, 20.286, 100.036

Deuteranomaly
70, 18.977, 78.616

Tritanomaly
70, 3.752, 55.051

Monochromacy



Original Color
70, 20.071, 108.139

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 7.638, 109.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 20.071, 108.139 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(173, 173, 136)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 136)  
}
```

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(173, 173, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 20.071, 108.139 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(173, 173, 136) }
```

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

```
.border{ border-color:rgb(173, 173, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 136);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 20.071, 108.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 136) }
```

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

```
.background{ background-color: rgb(173,  
173, 136) }
```

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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