

Converting Colors

CIELCh(70, 20.983, 108.011)

Have a look what the booklet for
CIELCh(70, 20.983, 108.011)
contains.

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Color

CIELCh(70, 20.610, 106.956)

Conversions

Conversions Part 1

Format	Color
Hex	AEAD87
RGB	174, 173, 135
RGB Percent	68%, 68%, 53%
CMY	0.3168, 0.3207, 0.4698
CMYK	0.00, 0.01, 0.22, 0.32
HSL	58°, 19%, 61%
HSV	58°, 22%, 68%
XYZ	36.8774, 40.7494, 28.9205
YIQ	168.9670, 12.7940, -11.6060

Conversions

Conversions Part 2

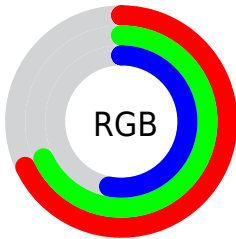
Format	Color
RYB	136, 174, 135
Decimal	11447687
CIELab	70.00, -6.01, 19.71
CIELCh	70, 20.610, 106.956
Yxy	40.7494, 0.3461, 0.3825
Android (android.graphics.Color)	4289637767 (0xFFAEAD87)
YUV	168.9670, -16.7457, 4.4139
Hunter-Lab	63.8353, -8.5928, 17.8234

Details

The CIELCh color **70, 20.610, 106.956** is a light color, and the websafe version is hex **999966**. A complement of this color would be **58, 21.643, 291.725**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 20.645, 106.362**, and **50, 20.760, 107.431** is the 20% darker color. If you saturate the color by 10%, you get **70, 29.658, 105.983**, and if you desaturate by 10%, it is **70, 11.436, 107.939**.

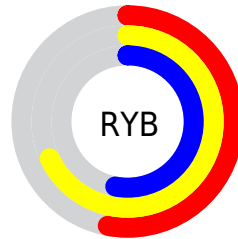
Distribution



Red (68%)

Green (68%)

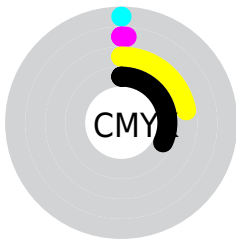
Blue (53%)



Red (53%)

Yellow (68%)

Blue (53%)

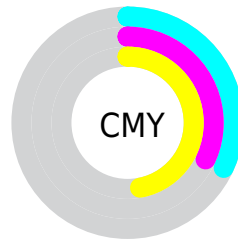


Cyan (0%)

Magenta (1%)

Yellow (22%)

Black (32%)



Cyan (32%)


Magenta (32%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 20.610, 106.956 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, 20.610, 106.956 by changing the saturation by 10% instead.


 70, 20.610,
106.956


 70, 20.610,
106.956


 100, 20.610,
106.956


 60, 20.610,
106.956


 90, 20.610,
106.956

 50, 20.610,
106.956

 40, 20.610,
106.956

 30, 20.610,
106.956

 20, 20.610,
106.956

 10, 20.610,
106.956

 0, 20.610, 106.956

70, 20.610,
106.956

70, 20.610,
106.956

70, 29.658,
105.983

70, 11.436,
107.939

69, 38.468,
105.026

71, 2.202, 108.885

72, 7.046, 289.873

69, 46.872,
104.111

72, 16.280,
290.787

69, 54.613,
103.267

73, 25.480,
291.670

68, 61.326,
102.526

74, 34.630,
292.514

68, 66.562,
101.923

74, 42.565,
293.193

68, 69.917,
101.482

75, 42.308,
292.977

68, 71.470,

101.229

■ 75, 42.052,
292.759

Harmonies

Complementary

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



70, 20.610, 106.956



58, 21.643, 291.725

Rectangle

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



70, 20.610, 106.956



70, 20.610, 156.956



70, 20.610, 286.956



70, 20.610, 336.956

Sweetspot

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



70, 20.611, 106.961



90, 8.013, 108.448



60, 15.900, 18.434



48, 5.249, 108.392



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 20.611, 106.961



89, 30.745, 106.462



69, 22.440, 126.861



37, 5.207, 108.239



59, 64.169, 101.248



7, 10.917, 108.634

Inverse Universe

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



58, 21.643, 291.725



70, 32.695, 292.451



59, 23.183, 308.981



34, 5.315, 290.110



17, 88.985, 305.893



1, 11.109, 289.338

Previews

White Background



This preview shows how the CIELCh color 70, 20.610, 106.956 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, 20.610, 106.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

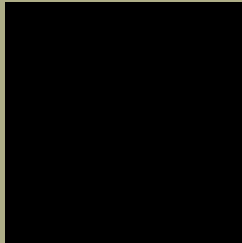
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

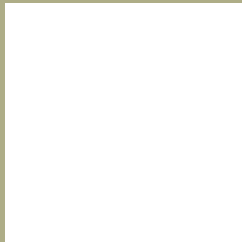
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 20.610, 106.956

Background



This preview shows how black text looks on a background with the CIELCh color 70, 20.610, 106.956.



This preview shows how white text looks on a background with the CIELCh color 70, 20.610, 106.956.

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, 20.610, 106.956

Protanopia

70, 20.611, 95.482

Deuteranopia

70, 20.846, 64.679



Tritanopia
70, 8.657, 324.805

Trichromacy



Original Color
70, 20.610, 106.956

Protanomaly
70, 20.820, 100.175

Deuteranomaly
70, 19.460, 79.315

Tritanomaly
70, 4.396, 57.869

Monochromacy



Original Color
70, 20.610, 106.956

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, 20.610, 106.956 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(174, 173, 135)` looks like.

```
.text, #text, p{  
    color:rgb(174, 173, 135)  
}
```

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(174, 173, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 173, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 20.610, 106.956 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(174, 173, 135) }
```

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

```
.border{ border-color:rgb(174, 173, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 173, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 173, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 173, 135);  
box-shadow:4px 4px 4px 4px rgb(174, 173,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 20.610, 106.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 173, 135) }
```

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

```
.background{ background-color: rgb(174,  
173, 135) }
```

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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