

Converting Colors

CIELCh(70, 7.754, 36.659)

Have a look what the booklet for
CIELCh(70, 7.754, 36.659) contains.

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Color

CIELCh(70, 7.700, 36.367)

Conversions

Conversions Part 1

Format	Color
Hex	BAA7A3
RGB	186, 167, 163
RGB Percent	73%, 65%, 64%
CMY	0.2704, 0.3449, 0.3606
CMYK	0.00, 0.10, 0.12, 0.27
HSL	10°, 14%, 68%
HSV	10°, 12%, 73%
XYZ	40.7073, 40.7494, 40.3954
YIQ	172.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

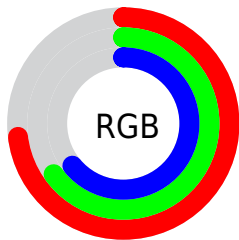
Format	Color
RYB	186, 168, 163
Decimal	12232611
CIELab	70.00, 6.20, 4.57
CIELCh	70, 7.700, 36.367
Yxy	40.7494, 0.3341, 0.3344
Android (android.graphics.Color)	4290422691 (0xFFBAA7A3)
YUV	172.2250, -4.5479, 12.0807
Hunter-Lab	63.8353, 2.1164, 7.1656

Details

The CIELCh color $70, 7.700, 36.367$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 7.115, 216.805$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 7.613, 35.574$, and $50, 7.914, 37.228$ is the 20% darker color. If you saturate the color by 10%, you get $66, 14.515, 36.487$, and if you desaturate by 10%, it is $74, 1.412, 36.125$.

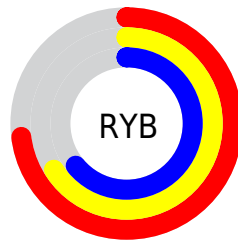
Distribution



Red (73%)

Green (65%)

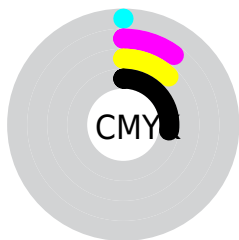
Blue (64%)



Red (73%)

Yellow (66%)

Blue (64%)

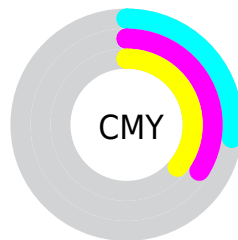


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 7.700, 36.367 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, 7.700, 36.367 by changing the saturation by 10% instead.

 70, 7.700, 36.367

 70, 7.700, 36.367

 100, 7.700, 36.367

 60, 7.700, 36.367

 90, 7.700, 36.367

 50, 7.700, 36.367

 40, 7.700, 36.367

 30, 7.700, 36.367

 20, 7.700, 36.367

 10, 7.700, 36.367

 0, 7.700, 36.367

 70, 7.700, 36.367

 70, 7.700, 36.367

 66, 14.515, 36.487

 74, 1.412, 36.125

61, 21.899, 36.723

79, 4.395, 216.741

57, 29.867, 37.144

84, 9.771, 216.869

53, 38.399, 37.798

88, 14.766,
217.090

50, 47.416, 38.716

93, 19.313,
215.701

47, 56.724, 39.887

44, 65.905, 41.175

96, 22.253,
198.046

42, 74.033, 42.161

40, 79.134, 42.746

Harmonies

Complementary

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



70, 7.700, 36.367



73, 7.115, 216.805

Rectangle

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



70, 7.700, 36.367



70, 7.700, 86.367



70, 7.700, 216.367



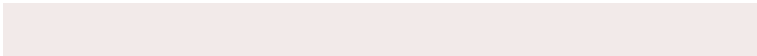
70, 7.700, 266.367

Sweetspot

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



70, 7.699, 36.383



93, 2.983, 36.267



70, 13.607, 330.114



50, 2.144, 36.295



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 7.699, 36.383



87, 11.714, 36.404



73, 8.799, 89.573



36, 3.447, 36.362



34, 68.879, 42.924



3, 9.465, 31.409

Inverse Universe

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



73, 7.115, 216.805



91, 10.611, 216.871



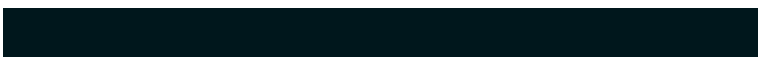
70, 8.785, 272.786



38, 3.251, 216.756



49, 30.113, 229.397



6, 8.615, 224.979

Previews

White Background



This preview shows how the CIELCh color 70, 7.700, 36.367 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, 7.700, 36.367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

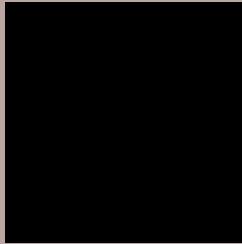
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 7.700, 36.367

Background



This preview shows how black text looks on a background with the CIELCh color 70, 7.700, 36.367.



This preview shows how white text looks on a background with the CIELCh color 70, 7.700, 36.367.

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, 7.700, 36.367

Protanopia

70, 3.552, 69.532

Deuteranopia

70, 10.209, 26.352



Tritanopia
70, 11.239, 341.226

Trichromacy



Original Color
70, 7.700, 36.367

Protanomaly
70, 5.032, 52.400

Deuteranomaly
70, 9.114, 30.423

Tritanomaly
70, 8.876, 354.702

Monochromacy



Original Color
70, 7.700, 36.367

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.712, 31.049

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 7.700, 36.367 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(186, 167, 163)` looks like.

```
.text, #text, p{  
    color:rgb(186, 167, 163)  
}
```

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(186, 167, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 167, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 7.700, 36.367 is called "border". The border property can be set on classes, ids or directly on the HTML element.

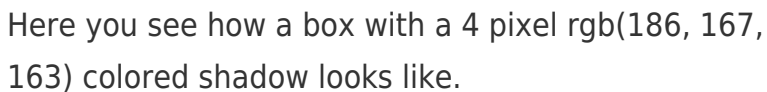
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 167, 163) }
```

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

```
.border{ border-color:rgb(186, 167, 163) }
```

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



Here you see how a box with a 4 pixel rgb(186, 167, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 167, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 167, 163);  
box-shadow:4px 4px 4px 4px rgb(186, 167,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 7.700, 36.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 167, 163) }
```

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

```
.background{ background-color: rgb(186,  
167, 163) }
```

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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