

Converting Colors

CIELCh(70, 32.734, 107.035)

Have a look what the booklet for
CIELCh(70, 32.734, 107.035)
contains.

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Color

CIELCh(70, 32.739, 107.595)

Conversions

Conversions Part 1

Format	Color
Hex	AFAF72
RGB	174, 175, 114
RGB Percent	68%, 69%, 45%
CMY	0.3186, 0.3146, 0.5538
CMYK	0.01, 0.00, 0.35, 0.31
HSL	61°, 28%, 57%
HSV	61°, 35%, 69%
XYZ	35.7111, 40.7494, 21.8369
YIQ	167.7470, 18.9850, -19.1830

Conversions

Conversions Part 2

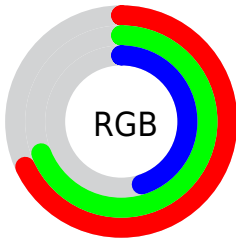
Format	Color
RYB	114, 175, 115
Decimal	11448178
CIELab	70.00, -9.90, 31.21
CIELCh	70, 32.739, 107.595
Yxy	40.7494, 0.3633, 0.4146
Android (android.graphics.Color)	4289638258 (0xFFAEAF72)
YUV	167.7470, -26.4973, 5.4839
Hunter-Lab	63.8353, -11.8542, 24.4027

Details

The CIELCh color $70, 32.739, 107.595$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $50, 35.679, 295.100$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 32.293, 107.518$, and $50, 32.803, 107.471$ is the 20% darker color. If you saturate the color by 10%, you get $70, 41.658, 106.711$, and if you desaturate by 10%, it is $70, 23.522, 108.518$.

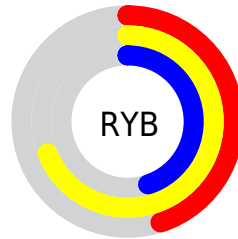
Distribution



Red (68%)

Green (69%)

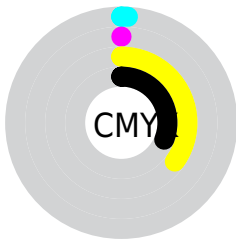
Blue (45%)



Red (45%)

Yellow (69%)

Blue (45%)

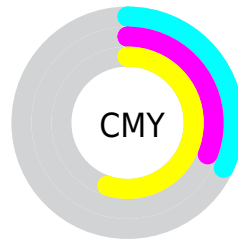


Cyan (1%)

Magenta (0%)

Yellow (35%)

Black (31%)



Cyan (32%)


Magenta (31%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 32.739, 107.595 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, 32.739, 107.595 by changing the saturation by 10% instead.


 70, 32.739,
107.595


 70, 32.739,
107.595


 100, 32.739,
107.595


 60, 32.739,
107.595


 90, 32.739,
107.595

 50, 32.739,
107.595

 40, 32.739,
107.595

 30, 32.739,
107.595

 20, 32.739,
107.595

 10, 32.739,
107.595

 0, 32.739, 107.595

70, 32.739,
107.595

70, 32.739,
107.595

70, 41.658,
106.711

70, 23.522,
108.518

69, 50.080,
105.884

71, 14.131,
109.449

69, 57.720,
105.152

71, 4.650, 110.369

69, 64.188,
104.557

72, 4.868, 291.303

69, 69.042,
104.142

72, 14.387,
292.181

69, 71.961,
103.934

73, 23.881,
293.032

69, 73.021,
103.873

73, 33.333,
293.848

74, 42.728,
294.623

■ 74, 43.482,
294.789

Harmonies

Complementary

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



70, 32.739, 107.595



50, 35.679, 295.100

Rectangle

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



70, 32.739, 107.595



70, 32.739, 157.595



70, 32.739, 287.595



70, 32.739, 337.595

Sweetspot

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



70, 32.740, 107.598



90, 11.744, 109.887



54, 26.093, 22.485



48, 8.075, 109.760



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, 32.740, 107.598



88, 48.331, 106.899



68, 35.205, 127.458



37, 5.342, 109.968



60, 65.393, 103.861



7, 11.349, 111.140

Inverse Universe

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



50, 35.679, 295.100



59, 53.991, 296.416



53, 36.967, 310.769



33, 5.458, 291.750



17, 90.179, 306.350



1, 11.349, 290.709

Previews

White Background



This preview shows how the CIELCh color 70, 32.739, 107.595 looks on a white background.

Color Contrast Check

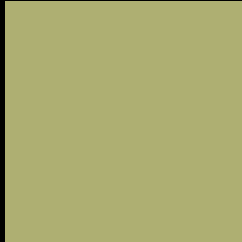
Large Text (above 18pt) WCAG AA × Fail

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, 32.739, 107.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

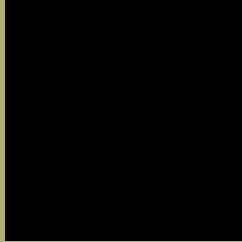
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 32.739, 107.595

Background



This preview shows how black text looks on a background with the CIELCh color 70, 32.739, 107.595.



This preview shows how white text looks on a background with the CIELCh color 70, 32.739, 107.595.

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, 32.739, 107.595

Protanopia
70, 32.487, 95.571

Deuteranopia
70, 31.598, 74.554



Tritanopia
70, 9.099, 328.757

Trichromacy



Original Color
70, 32.739, 107.595

Protanomaly
70, 32.078, 99.332

Deuteranomaly
70, 30.770, 86.921

Tritanomaly
70, 8.402, 84.564

Monochromacy



Original Color
70, 32.739, 107.595

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 12.006, 108.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 32.739, 107.595 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, 175, 114)` looks like.

```
.text, #text, p{  
    color:rgb(174, 175, 114)  
}
```

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, 175, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 175, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 32.739, 107.595 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, 175, 114) }
```

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

```
.border{ border-color:rgb(174, 175, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 175, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 175, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 175, 114);  
box-shadow:4px 4px 4px 4px rgb(174, 175,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 32.739, 107.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 175, 114) }
```

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

```
.background{ background-color: rgb(174,  
175, 114) }
```

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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