

Converting Colors

CIELCh(67, 10.931, 107.301)

Have a look what the booklet for
CIELCh(67, 10.931, 107.301)
contains.

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Color

CIELCh(67, 10.993, 106.953)

Conversions

Conversions Part 1

Format	Color
Hex	A5A490
RGB	165, 164, 144
RGB Percent	65%, 64%, 56%
CMY	0.3524, 0.3563, 0.4348
CMYK	0.00, 0.01, 0.13, 0.35
HSL	57°, 10%, 61%
HSV	57°, 13%, 65%
XYZ	33.8901, 36.6320, 31.7237
YIQ	162.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

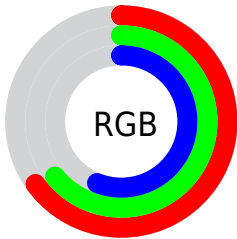
Format	Color
R_{YB}	145, 165, 144
Decimal	10855568
CIE Lab	67.00, -3.21, 10.52
CIE LCh	67, 10.993, 106.953
Yxy	36.6320, 0.3315, 0.3583
Android (android.graphics.Color)	4289045648 (0xFFA5A490)
YUV	162.0190, -8.8834, 2.6143
Hunter-Lab	60.5244, -5.9681, 11.2903

Details

The CIELCh color $67, 10.993, 106.953$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 11.282, 289.585$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 10.941, 107.297$, and $47, 10.595, 106.380$ is the 20% darker color. If you saturate the color by 10%, you get $66, 19.598, 105.965$, and if you desaturate by 10%, it is $68, 2.345, 107.921$.

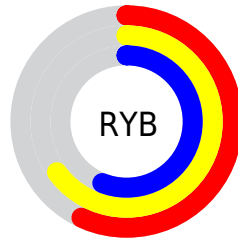
Distribution



Red (65%)

Green (64%)

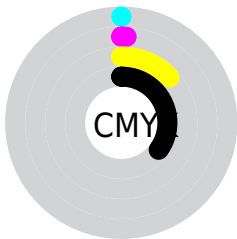
Blue (56%)



Red (57%)

Yellow (65%)

Blue (56%)

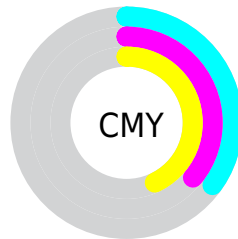


Cyan (0%)

Magenta (1%)

Yellow (13%)

Black (35%)



Cyan (35%)


Magenta (36%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 10.993, 106.953 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 67, 10.993, 106.953 by changing the saturation by 10% instead.


 67, 10.993,
106.953


 67, 10.993,
106.953


 100, 10.993,
106.953


 57, 10.993,
106.953


 87, 10.993,
106.953

 47, 10.993,
106.953

 97, 10.993,
106.953

 37, 10.993,
106.953

 27, 10.993,
106.953

 17, 10.993,
106.953

 7, 10.993, 106.953

 0, 10.993, 106.953

67, 10.993,
106.953

67, 10.993,
106.953

66, 19.598,
105.965

68, 2.345, 107.921

66, 28.094,
104.968

68, 6.310, 288.924

65, 36.382,
103.984

69, 14.944,
289.848

65, 44.306,
103.036

70, 23.542,
290.740

65, 51.624,
102.148

71, 32.090,
291.594

64, 57.990,
101.348

71, 40.581,
292.406

64, 62.970,
100.666

72, 46.470,
292.859

64, 66.156,

72, 46.017,
292.502

100.121

■ 73, 45.566,
292.139

■ 64, 67.637, 99.787

Harmonies

Complementary

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



67, 10.993, 106.953



61, 11.282, 289.585

Rectangle

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



67, 10.993, 106.953



67, 10.993, 156.953



67, 10.993, 286.953



67, 10.993, 336.953

Sweetspot

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



67, 10.994, 106.960



85, 4.269, 107.799



62, 8.350, 16.163



45, 3.030, 107.731



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



67, 10.994, 106.960



85, 16.019, 106.707



67, 12.160, 126.728



34, 4.844, 107.301



56, 61.613, 99.821



5, 7.451, 107.545

Inverse Universe

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



61, 11.282, 289.585



75, 16.522, 289.893



61, 12.395, 307.896



32, 4.939, 289.188



17, 85.635, 305.527



1, 7.606, 288.408

Previews

White Background



This preview shows how the CIELCh color 67, 10.993, 106.953 looks on a white background.

Color Contrast Check

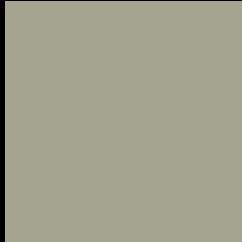
Large Text (above 18pt) WCAG AA × Fail

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 67, 10.993, 106.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

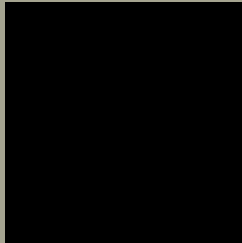
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 10.993, 106.953

Background



This preview shows how black text looks on a background with the CIELCh color 67, 10.993, 106.953.



This preview shows how white text looks on a background with the CIELCh color 67, 10.993, 106.953.

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
67, 10.993, 106.953

Protanopia
67, 10.927, 92.036

Deuteranopia
67, 12.857, 48.184



Tritanopia
67, 7.976, 315.777

Trichromacy



Original Color
67, 10.993, 106.953

Protanomaly
67, 11.168, 98.721

Deuteranomaly
67, 10.994, 68.199

Tritanomaly
67, 2.363, 5.941

Monochromacy



Original Color
67, 10.993, 106.953

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 3.851, 109.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 10.993, 106.953 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(165, 164, 144)` looks like.

```
.text, #text, p{  
    color:rgb(165, 164, 144)  
}
```

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(165, 164, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 164, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 10.993, 106.953 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(165, 164, 144) }
```

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

```
.border{ border-color:rgb(165, 164, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 164, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 164, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 164, 144);  
box-shadow:4px 4px 4px 4px rgb(165, 164,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 10.993, 106.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 164, 144) }
```

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

```
.background{ background-color: rgb(165,  
164, 144) }
```

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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