

Converting Colors

CIELCh(67, 9.897, 106.849)

Have a look what the booklet for
CIELCh(67, 9.897, 106.849) contains.

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Color

CIELCh(67, 9.897, 106.849)

Conversions

Conversions Part 1

Format	Color
Hex	A5A492
RGB	165, 164, 146
RGB Percent	65%, 64%, 57%
CMY	0.3529, 0.3568, 0.4274
CMYK	0.00, 0.01, 0.12, 0.35
HSL	57°, 10%, 61%
HSV	57°, 12%, 65%
XYZ	33.9867, 36.6320, 32.4784
YIQ	162.2470, 6.3740, -5.3860

Conversions

Conversions Part 2

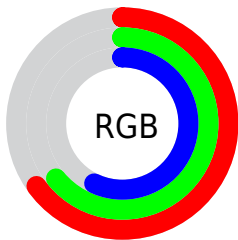
Format	Color
RYB	147, 165, 146
Decimal	10855570
CIELab	67.00, -2.87, 9.47
CIELCh	67, 9.897, 106.849
Yxy	36.6320, 0.3297, 0.3553
Android (android.graphics.Color)	4289045650 (0xFFA5A492)
YUV	162.2470, -8.0098, 2.4144
Hunter-Lab	60.5244, -5.6830, 10.5510

Details

The CIELCh color $67, 9.897, 106.849$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 10.132, 289.231$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 9.901, 107.187$, and $47, 9.423, 106.269$ is the 20% darker color. If you saturate the color by 10%, you get $66, 18.465, 105.859$, and if you desaturate by 10%, it is $68, 1.295, 107.794$.

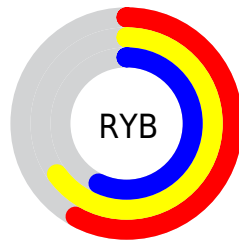
Distribution



Red (65%)

Green (64%)

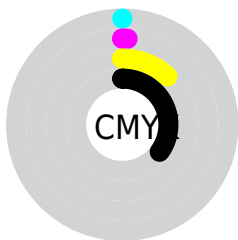
Blue (57%)



Red (58%)

Yellow (65%)

Blue (57%)

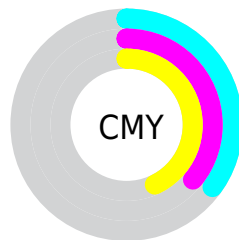


Cyan (0%)

Magenta (1%)

Yellow (12%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 9.897, 106.849 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, 9.897, 106.849 by changing the saturation by 10% instead.

67, 9.897, 106.849

67, 9.897, 106.849

100, 9.897,
106.849

57, 9.897, 106.849

87, 9.897, 106.849

47, 9.897, 106.849

97, 9.897, 106.849

37, 9.897, 106.849

27, 9.897, 106.849

17, 9.897, 106.849

7, 9.897, 106.849

0, 9.897, 106.849

67, 9.897, 106.849

67, 9.897, 106.849

66, 18.465,

68, 1.295, 107.794

105.859

68, 7.308, 288.822

66, 26.936,
104.855

69, 15.887,
289.746

65, 35.219,
103.862

70, 24.426,
290.637

65, 43.166,
102.900

71, 32.914,
291.488

64, 50.549,
101.992

72, 41.344,
292.298

64, 57.036,
101.166

72, 46.213,
292.611

64, 62.198,
100.451

72, 45.713,
292.212

63, 65.608, 99.865

73, 45.216,
291.805

63, 67.363, 99.449

Harmonies

Complementary

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



67, 9.897, 106.849



61, 10.132, 289.231

Rectangle

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



67, 9.897, 106.849



67, 9.897, 156.849



67, 9.897, 286.849



67, 9.897, 336.849

Sweetspot

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



67, 9.898, 106.857



85, 3.183, 107.672



62, 7.531, 14.715



45, 2.410, 107.601



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, 9.898, 106.857



85, 14.879, 106.585



67, 10.962, 126.179



34, 4.819, 107.079



56, 61.400, 99.486



5, 7.401, 107.255

Inverse Universe

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



61, 10.132, 289.231



76, 15.310, 289.557



62, 11.161, 307.251



32, 4.913, 288.975



17, 85.393, 305.448



1, 7.570, 288.213

Previews

White Background



This preview shows how the CIELCh color 67, 9.897, 106.849 looks on a white background.

Color Contrast Check

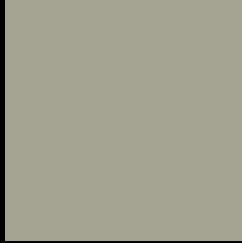
Large Text (above 18pt) WCAG AA × Fail

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, 9.897, 106.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

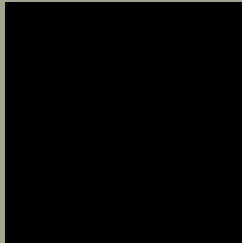
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 9.897, 106.849

Background



This preview shows how black text looks on a background with the CIELCh color 67, 9.897, 106.849.



This preview shows how white text looks on a background with the CIELCh color 67, 9.897, 106.849.

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, 9.897, 106.849

Protanopia

67, 9.875, 90.357

Deuteranopia

67, 12.208, 46.889



Tritanopia
67, 7.976, 315.777

Trichromacy



Original Color
67, 9.897, 106.849

Protanomaly
67, 10.087, 97.769

Deuteranomaly
67, 9.878, 65.990

Tritanomaly
67, 2.904, 357.190

Monochromacy



Original Color
67, 9.897, 106.849

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, 9.897, 106.849 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(165, 164, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 164, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 9.897, 106.849 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, 146) }
```

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

```
.border{ border-color:rgb(165, 164, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 164, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 164, 146);  
box-shadow:4px 4px 4px 4px rgb(165, 164,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 9.897, 106.849 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, 146) }
```

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

```
.background{ background-color: rgb(165,  
164, 146) }
```

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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