

Converting Colors

CIELCh(67, 9.800, 87.091)

Have a look what the booklet for
CIELCh(67, 9.800, 87.091) contains.

CIELCh(67, 9.497, 87.090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 9.497, 87.090)

Conversions

Conversions Part 1

Format	Color
Hex	ABA292
RGB	171, 162, 146
RGB Percent	67%, 64%, 57%
CMY	0.3289, 0.3642, 0.4270
CMYK	0.00, 0.05, 0.15, 0.33
HSL	38°, 13%, 62%
HSV	38°, 15%, 67%
XYZ	34.9585, 36.6320, 32.4692
YIQ	162.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

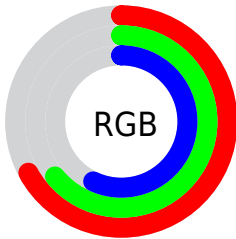
Format	Color
RYB	160, 171, 146
Decimal	11248274
CIELab	67.00, 0.48, 9.48
CIELCh	67, 9.497, 87.090
Yxy	36.6320, 0.3359, 0.3520
Android (android.graphics.Color)	4289438354 (0xFFABA292)
YUV	162.8670, -8.3154, 7.1326
Hunter-Lab	60.5244, -2.8170, 10.5600

Details

The CIELCh color $67, 9.497, 87.090$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 9.432, 270.946$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 9.465, 88.614$, and $47, 9.129, 83.824$ is the 20% darker color. If you saturate the color by 10%, you get $65, 16.197, 85.815$, and if you desaturate by 10%, it is $69, 2.956, 88.303$.

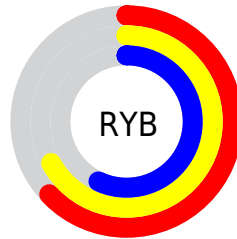
Distribution



Red (67%)

Green (64%)

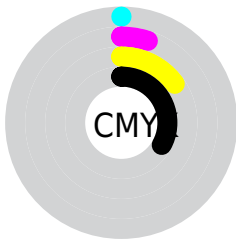
Blue (57%)



Red (63%)

Yellow (67%)

Blue (57%)

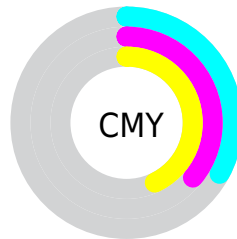


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (33%)



Cyan (33%)


Magenta (36%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 9.497, 87.090 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, 9.497, 87.090 by changing the saturation by 10% instead.

 67, 9.497, 87.090  67, 9.497, 87.090

 100, 9.497, 87.090  57, 9.497, 87.090

 87, 9.497, 87.090  47, 9.497, 87.090


 97, 9.497, 87.090  37, 9.497, 87.090

 27, 9.497, 87.090

 17, 9.497, 87.090

 7, 9.497, 87.090

 0, 9.497, 87.090

 67, 9.497, 87.090  67, 9.497, 87.090

 65, 16.197, 85.815  69, 2.956, 88.303

63, 23.043, 84.483

71, 3.430, 269.659

61, 29.998, 83.112

73, 9.667, 270.778

59, 36.980, 81.695

75, 15.766,
271.880

57, 43.826, 80.213

78, 21.739,
272.936

56, 50.232, 78.615

54, 55.686, 76.797

80, 27.596,
273.941

52, 59.495, 74.582

82, 28.045,
270.245

52, 61.183, 73.331

83, 25.772,
262.974

85, 23.975,
254.550

Harmonies

Complementary

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



67, 9.497, 87.090



64, 9.432, 270.946

Rectangle

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



67, 9.497, 87.090



67, 9.497, 137.090



67, 9.497, 267.090



67, 9.497, 317.090

Sweetspot

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



67, 9.498, 87.102



87, 3.164, 88.359



63, 11.000, 352.850



47, 2.270, 88.282



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 9.498, 87.102



84, 14.520, 86.631



69, 13.701, 114.308



36, 3.694, 87.758



46, 55.651, 73.678



5, 7.089, 80.141

Inverse Universe

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



64, 9.432, 270.946



79, 14.382, 271.517



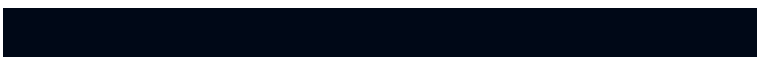
62, 14.145, 296.619



34, 3.684, 270.192



26, 62.123, 294.418



2, 8.308, 274.180

Previews

White Background



This preview shows how the CIELCh color 67, 9.497, 87.090 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, 9.497, 87.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

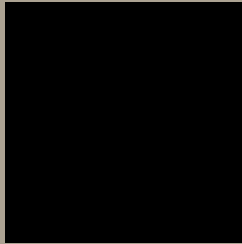
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 9.497, 87.090

Background



This preview shows how black text looks on a background with the CIELCh color 67, 9.497, 87.090.



This preview shows how white text looks on a background with the CIELCh color 67, 9.497, 87.090.

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, 9.497, 87.090

Protanopia

67, 9.742, 92.598

Deuteranopia

67, 12.578, 46.071



Tritanopia
67, 9.426, 330.623

Trichromacy



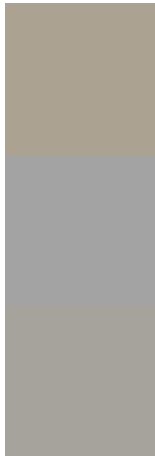
Original Color
67, 9.497, 87.090

Protanomaly
67, 9.742, 92.598

Deuteranomaly
67, 10.721, 57.800

Tritanomaly
67, 5.644, 2.832

Monochromacy



Original Color
67, 9.497, 87.090

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 3.486, 90.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 9.497, 87.090 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(171, 162, 146)` looks like.

```
.text, #text, p{  
    color:rgb(171, 162, 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(171, 162, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 162, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 9.497, 87.090 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(171, 162, 146) }
```

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

```
.border{ border-color:rgb(171, 162, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 162, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 162, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 162, 146);  
box-shadow:4px 4px 4px 4px rgb(171, 162,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 9.497, 87.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 162, 146) }
```

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

```
.background{ background-color: rgb(171,  
162, 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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