

Converting Colors

CIELCh(66, 9.951, 337.699)

Have a look what the booklet for
CIELCh(66, 9.951, 337.699) contains.

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Color

CIELCh(66, 9.853, 337.950)

Conversions

Conversions Part 1

Format	Color
Hex	AE9BA7
RGB	174, 155, 167
RGB Percent	68%, 61%, 65%
CMY	0.3169, 0.3914, 0.3443
CMYK	0.00, 0.11, 0.04, 0.32
HSL	322°, 11%, 65%
HSV	322°, 11%, 68%
XYZ	36.2445, 35.3238, 41.5602
YIQ	162.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

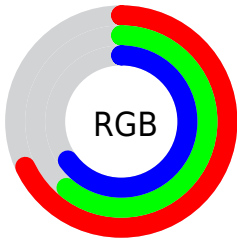
Format	Color
RYB	174, 155, 167
Decimal	11443111
CIELab	66.00, 9.13, -3.70
CIELCh	66, 9.853, 337.950
Yxy	35.3238, 0.3204, 0.3122
Android (android.graphics.Color)	4289633191 (0xFFAE9BA7)
YUV	162.0490, 2.4408, 10.4810
Hunter-Lab	59.4338, 4.8453, 0.1441

Details

The CIELCh color $66, 9.853, 337.950$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 9.776, 156.418$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 10.231, 338.395$, and $46, 9.844, 339.164$ is the 20% darker color. If you saturate the color by 10%, you get $61, 19.010, 338.751$, and if you desaturate by 10%, it is $71, 0.818, 336.862$.

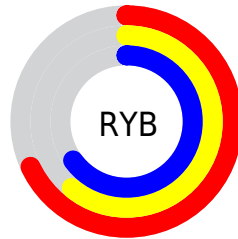
Distribution



Red (68%)

Green (61%)

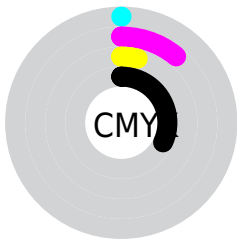
Blue (65%)



Red (68%)

Yellow (61%)

Blue (65%)

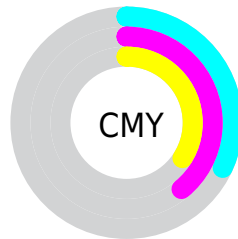


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (32%)



Cyan (32%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 9.853, 337.950 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 66, 9.853, 337.950 by changing the saturation by 10% instead.

66, 9.853, 337.950

66, 9.853, 337.950

100, 9.853,
337.950

56, 9.853, 337.950

86, 9.853, 337.950

46, 9.853, 337.950

96, 9.853, 337.950

36, 9.853, 337.950

26, 9.853, 337.950

16, 9.853, 337.950

6, 9.853, 337.950

0, 9.853, 337.950

66, 9.853, 337.950

66, 9.853, 337.950

61, 19.010,

71, 0.818, 336.862

338.751

76, 8.008, 156.625

57, 28.159,
339.606

80, 16.584,
155.972

53, 37.089,
340.543

85, 24.893,
155.375

49, 45.502,
341.587

90, 32.932,
154.819

46, 53.010,
342.777

94, 37.985,
155.367

43, 59.170,
344.170

94, 35.668,
159.086

40, 63.562,
345.846

94, 33.489,
163.279

39, 65.934,
347.906

94, 31.481,
168.007

38, 66.723,
350.110

Harmonies

Complementary

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



66, 9.853, 337.950



69, 9.776, 156.418

Rectangle

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



66, 9.853, 337.950



66, 9.853, 27.950



66, 9.853, 157.950



66, 9.853, 207.950

Sweetspot

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



66, 9.851, 337.952



88, 3.338, 337.292



65, 10.919, 304.853



47, 2.552, 337.374



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 9.851, 337.952



83, 14.585, 338.135



66, 7.522, 9.358



34, 5.086, 337.826



33, 60.033, 349.760



2, 9.958, 341.749

Inverse Universe

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



66, 9.851, 337.952



83, 14.585, 338.135



70, 7.148, 187.644



34, 5.086, 337.826



33, 60.033, 349.760



2, 9.958, 341.749

Previews

White Background



This preview shows how the CIELCh color 66, 9.853, 337.950 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 CIE LCh color 66, 9.853, 337.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

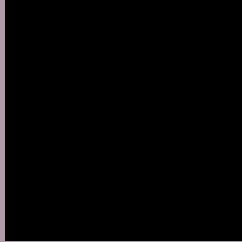
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 9.853, 337.950

Background



This preview shows how black text looks on a background with the CIELCh color 66, 9.853, 337.950.



This preview shows how white text looks on a background with the CIELCh color 66, 9.853, 337.950.

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


66, 9.853, 337.950

Protanopia

66, 5.563, 294.595

Deuteranopia

66, 8.914, 337.171



Tritanopia
66, 9.853, 337.950

Trichromacy



Original Color
66, 9.853, 337.950

Protanomaly
66, 6.835, 316.835

Deuteranomaly
66, 8.914, 337.171

Tritanomaly
66, 9.853, 337.950

Monochromacy



Original Color
66, 9.853, 337.950

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 3.199, 335.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 9.853, 337.950 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, 155, 167)` looks like.

```
.text, #text, p{  
    color:rgb(174, 155, 167)  
}
```

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, 155, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 155, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 9.853, 337.950 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, 155, 167) }
```

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

```
.border{ border-color:rgb(174, 155, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 155, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 155, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 155, 167);  
box-shadow:4px 4px 4px 4px rgb(174, 155,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 9.853, 337.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 155, 167) }
```

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

```
.background{ background-color: rgb(174,  
155, 167) }
```

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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