

Converting Colors

CIELCh(67, 11.314, 85.441)

Have a look what the booklet for
CIELCh(67, 11.314, 85.441) contains.

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Color

CIELCh(67, 11.343, 86.171)

Conversions

Conversions Part 1

Format	Color
Hex	ADA28F
RGB	173, 162, 143
RGB Percent	68%, 64%, 56%
CMY	0.3222, 0.3653, 0.4398
CMYK	0.00, 0.06, 0.17, 0.32
HSL	38°, 15%, 62%
HSV	38°, 17%, 68%
XYZ	35.0392, 36.6320, 31.1513
YIQ	163.1230, 12.6550, -3.5770

Conversions

Conversions Part 2

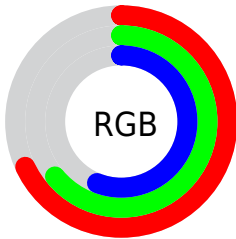
Format	Color
RYB	160, 173, 143
Decimal	11379343
CIELab	67.00, 0.76, 11.32
CIELCh	67, 11.343, 86.171
Yxy	36.6320, 0.3408, 0.3563
Android (android.graphics.Color)	4289569423 (0xFFADA28F)
YUV	163.1230, -9.9206, 8.6621
Hunter-Lab	60.5244, -2.5791, 11.8511

Details

The CIELCh color $67, 11.343, 86.171$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 11.227, 270.807$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 11.349, 85.842$, and $47, 10.940, 85.278$ is the 20% darker color. If you saturate the color by 10%, you get $65, 18.109, 84.878$, and if you desaturate by 10%, it is $69, 4.742, 87.423$.

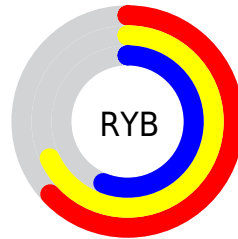
Distribution



Red (68%)

Green (64%)

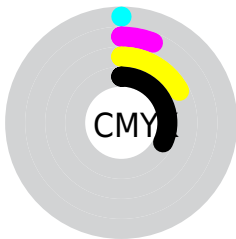
Blue (56%)



Red (63%)

Yellow (68%)

Blue (56%)

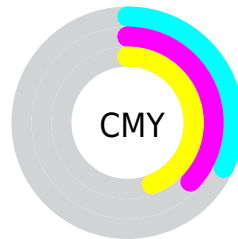


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (32%)



Cyan (32%)

Magenta (37%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 11.343, 86.171 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, 11.343, 86.171 by changing the saturation by 10% instead.

■ 67, 11.343, 86.171

■ 67, 11.343, 86.171

■ 100, 11.343,
86.171

■ 57, 11.343, 86.171

■ 87, 11.343, 86.171

■ 47, 11.343, 86.171

■ 97, 11.343, 86.171

■ 37, 11.343, 86.171

■ 27, 11.343, 86.171

■ 17, 11.343, 86.171

■ 7, 11.343, 86.171

■ 0, 11.343, 86.171

■ 67, 11.343, 86.171

■ 67, 11.343, 86.171

■ 65, 18.109, 84.878

■ 69, 4.742, 87.423

63, 25.021, 83.533

71, 1.697, 268.839

61, 32.036, 82.147

73, 7.979, 269.908

59, 39.055, 80.712

76, 14.116,
271.025

57, 45.882, 79.201

78, 20.120,
272.098

55, 52.162, 77.548

54, 57.314, 75.627

80, 26.003,
273.121

52, 60.777, 73.287

82, 27.485,
270.161

52, 61.653, 72.681

84, 25.168,
262.502

85, 23.370,
253.580

Harmonies

Complementary

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



67, 11.343, 86.171



63, 11.227, 270.807

Rectangle

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



67, 11.343, 86.171



67, 11.343, 136.171



67, 11.343, 266.171



67, 11.343, 316.171

Sweetspot

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



67, 11.344, 86.181



88, 3.973, 87.682



62, 13.227, 353.145



46, 2.710, 87.606



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, 11.344, 86.181



84, 17.063, 85.663



70, 16.392, 114.098



36, 3.671, 87.188



45, 55.659, 73.060



5, 7.048, 79.436

Inverse Universe

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



63, 11.227, 270.807



78, 16.837, 271.458



61, 17.028, 296.878



34, 3.658, 269.629



27, 61.429, 293.998



2, 8.260, 273.778

Previews

White Background



This preview shows how the CIELCh color 67, 11.343, 86.171 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, 11.343, 86.171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

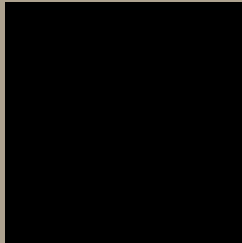
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 11.343, 86.171

Background



This preview shows how black text looks on a background with the CIELCh color 67, 11.343, 86.171.

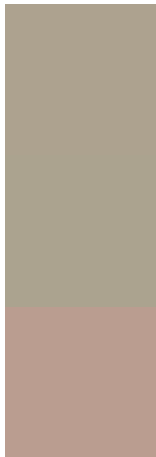


This preview shows how white text looks on a background with the CIELCh color 67, 11.343, 86.171.

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, 11.343, 86.171

Protanopia

67, 11.443, 92.762

Deuteranopia

67, 13.821, 51.235



Tritanopia
67, 9.544, 336.346

Trichromacy



Original Color
67, 11.343, 86.171

Protanomaly
67, 11.562, 90.841

Deuteranomaly
67, 12.163, 62.441

Tritanomaly
67, 6.221, 14.836

Monochromacy



Original Color
67, 11.343, 86.171

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 4.137, 87.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 11.343, 86.171 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(173, 162, 143)` looks like.

```
.text, #text, p{  
    color:rgb(173, 162, 143)  
}
```

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(173, 162, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 162, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 11.343, 86.171 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(173, 162, 143) }
```

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

```
.border{ border-color:rgb(173, 162, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 162, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 162, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 162, 143);  
box-shadow:4px 4px 4px 4px rgb(173, 162,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 11.343, 86.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 162, 143) }
```

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

```
.background{ background-color: rgb(173,  
162, 143) }
```

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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