

Converting Colors

CIELCh(67, 8.811, 83.627)

Have a look what the booklet for
CIELCh(67, 8.811, 83.627) contains.

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Color

CIELCh(67, 9.153, 83.566)

Conversions

Conversions Part 1

Format	Color
Hex	ACA293
RGB	172, 162, 147
RGB Percent	67%, 64%, 58%
CMY	0.3262, 0.3654, 0.4242
CMYK	0.00, 0.06, 0.15, 0.33
HSL	36°, 13%, 62%
HSV	36°, 15%, 67%
XYZ	35.1179, 36.6320, 32.7539
YIQ	163.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

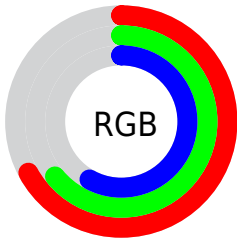
Format	Color
RYB	164, 172, 147
Decimal	11313811
CIELab	67.00, 1.03, 9.10
CIELCh	67, 9.153, 83.566
Yxy	36.6320, 0.3360, 0.3505
Android (android.graphics.Color)	4289503891 (0xFFACA293)
YUV	163.2800, -8.0260, 7.6474
Hunter-Lab	60.5244, -2.3470, 10.2811

Details

The CIELCh color $67, 9.153, 83.566$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 9.023, 267.451$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 9.123, 85.316$, and $47, 9.326, 81.401$ is the 20% darker color. If you saturate the color by 10%, you get $65, 15.685, 82.286$, and if you desaturate by 10%, it is $69, 2.814, 84.780$.

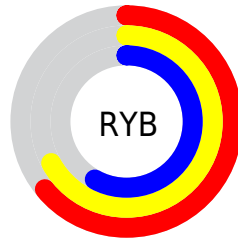
Distribution



Red (67%)

Green (64%)

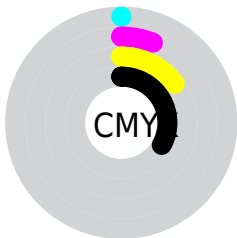
Blue (58%)



Red (64%)

Yellow (67%)

Blue (58%)

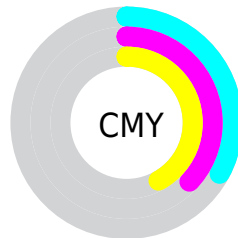


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 9.153, 83.566 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, 9.153, 83.566 by changing the saturation by 10% instead.

■ 67, 9.153, 83.566

■ 67, 9.153, 83.566

■ 100, 9.153, 83.566

■ 57, 9.153, 83.566

■ 87, 9.153, 83.566

■ 47, 9.153, 83.566

■ 97, 9.153, 83.566

■ 37, 9.153, 83.566

■ 27, 9.153, 83.566

■ 17, 9.153, 83.566

■ 7, 9.153, 83.566

■ 0, 9.153, 83.566

■ 67, 9.153, 83.566

■ 67, 9.153, 83.566

■ 65, 15.685, 82.286

■ 69, 2.814, 84.780

63, 22.402, 80.952

72, 3.344, 266.172

61, 29.280, 79.580

74, 9.331, 267.298

58, 36.250, 78.165

76, 15.162,
268.414

56, 43.167, 76.683

79, 20.852,
269.486

55, 49.743, 75.076

53, 55.479, 73.226

81, 26.415,
270.508

51, 59.653, 70.920

83, 26.187,
265.213

50, 61.577, 69.603

85, 24.053,
256.041

87, 22.619,
245.524

Harmonies

Complementary

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



67, 9.153, 83.566



64, 9.023, 267.451

Rectangle

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



67, 9.153, 83.566



67, 9.153, 133.566



67, 9.153, 263.566



67, 9.153, 313.566

Sweetspot

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



67, 9.154, 83.579



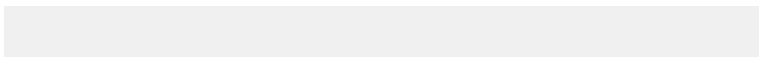
88, 3.073, 84.828



63, 11.196, 350.720



47, 2.185, 84.753



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, 9.154, 83.579



85, 13.349, 83.227



69, 13.654, 112.944



36, 3.560, 84.230



44, 55.810, 69.994



4, 6.862, 75.876

Inverse Universe

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



64, 9.023, 267.451



81, 13.113, 267.878



62, 14.102, 295.390



35, 3.533, 266.699



28, 57.969, 291.750



2, 8.027, 271.699

Previews

White Background



This preview shows how the CIELCh color 67, 9.153, 83.566 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, 9.153, 83.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

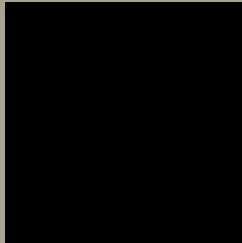
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 9.153, 83.566

Background



This preview shows how black text looks on a background with the CIELCh color 67, 9.153, 83.566.



This preview shows how white text looks on a background with the CIELCh color 67, 9.153, 83.566.

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, 9.153, 83.566

Protanopia

67, 9.215, 91.715

Deuteranopia

67, 11.941, 44.627



Tritanopia
67, 9.673, 332.378

Trichromacy



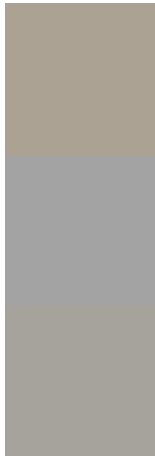
Original Color
67, 9.153, 83.566

Protanomaly
67, 9.342, 89.375

Deuteranomaly
67, 10.371, 55.518

Tritanomaly
67, 6.017, 3.965

Monochromacy



Original Color
67, 9.153, 83.566

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, 9.153, 83.566 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(172, 162, 147)` looks like.

```
.text, #text, p{  
    color:rgb(172, 162, 147)  
}
```

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(172, 162, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 162, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 9.153, 83.566 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(172, 162, 147) }
```

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

```
.border{ border-color:rgb(172, 162, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 162, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 162, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 162, 147);  
box-shadow:4px 4px 4px 4px rgb(172, 162,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 9.153, 83.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 162, 147) }
```

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

```
.background{ background-color: rgb(172,  
162, 147) }
```

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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