

Converting Colors

CIELCh(67, 4.978, 47.920)

Have a look what the booklet for
CIELCh(67, 4.978, 47.920) contains.

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Color

CIELCh(67, 4.798, 46.919)

Conversions

Conversions Part 1

Format	Color
Hex	ACA19D
RGB	172, 161, 157
RGB Percent	67%, 63%, 62%
CMY	0.3260, 0.3691, 0.3848
CMYK	0.00, 0.06, 0.09, 0.33
HSL	16°, 8%, 64%
HSV	16°, 9%, 67%
XYZ	35.7832, 36.6320, 37.0269
YIQ	163.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

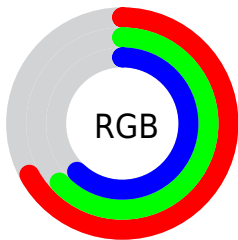
Format	Color
RYB	172, 162, 157
Decimal	11313565
CIELab	67.00, 3.28, 3.50
CIElCh	67, 4.798, 46.919
Yxy	36.6320, 0.3270, 0.3347
Android (android.graphics.Color)	4289503645 (0xFFACA19D)
YUV	163.8330, -3.3687, 7.1625
Hunter-Lab	60.5244, -0.3849, 6.0953

Details

The CIELCh color $67, 4.798, 46.919$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 4.570, 228.085$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 4.521, 46.985$, and $47, 4.805, 49.070$ is the 20% darker color. If you saturate the color by 10%, you get $63, 10.704, 46.560$, and if you desaturate by 10%, it is $71, 0.678, 228.228$.

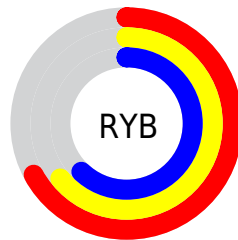
Distribution



Red (67%)

Green (63%)

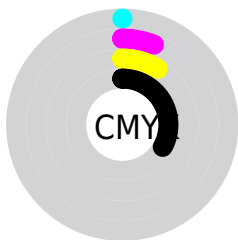
Blue (62%)



Red (67%)

Yellow (64%)

Blue (62%)

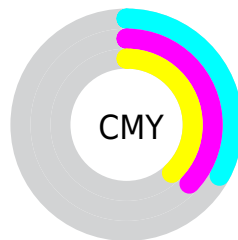


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 4.798, 46.919 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, 4.798, 46.919 by changing the saturation by 10% instead.

 67, 4.798, 46.919  67, 4.798, 46.919

 100, 4.798, 46.919  57, 4.798, 46.919

 87, 4.798, 46.919  47, 4.798, 46.919

 97, 4.798, 46.919  37, 4.798, 46.919

 27, 4.798, 46.919

 17, 4.798, 46.919

 7, 4.798, 46.919

 0, 4.798, 46.919

 67, 4.798, 46.919  67, 4.798, 46.919

 63, 10.704, 46.560  71, 0.678, 228.228

60, 17.082, 46.226

75, 5.769, 228.171

56, 23.965, 45.996

78, 10.518,
228.712

53, 31.365, 45.899

82, 14.965,
229.292

49, 39.254, 45.952

46, 47.529, 46.142

86, 19.149,
229.887

44, 55.928, 46.383

90, 22.148,
224.191

41, 63.853, 46.420

39, 70.546, 46.051

93, 24.437,
205.159

95, 26.245,
197.799

Harmonies

Complementary

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



67, 4.798, 46.919



68, 4.570, 228.085

Rectangle

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



67, 4.798, 46.919



67, 4.798, 96.919



67, 4.798, 226.919



67, 4.798, 276.919

Sweetspot

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



67, 4.798, 46.944



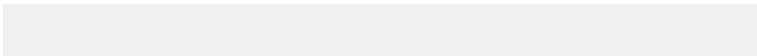
88, 2.003, 47.036



66, 8.367, 333.504



46, 1.522, 47.055



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, 4.798, 46.944



85, 6.868, 46.890



69, 6.423, 97.306



35, 3.142, 46.923



34, 64.455, 46.391



3, 6.553, 41.541

Inverse Universe

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



68, 4.570, 228.085



86, 6.484, 228.169



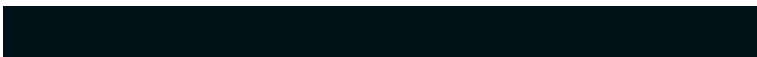
66, 6.479, 279.397



35, 2.982, 228.118



43, 31.327, 248.837



4, 6.402, 238.086

Previews

White Background



This preview shows how the CIELCh color 67, 4.798, 46.919 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, 4.798, 46.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

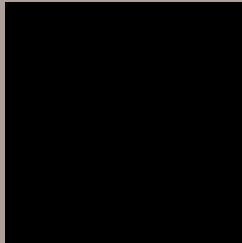
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

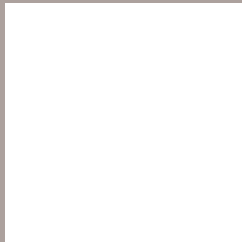
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 4.798, 46.919

Background



This preview shows how black text looks on a background with the CIELCh color 67, 4.798, 46.919.



This preview shows how white text looks on a background with the CIELCh color 67, 4.798, 46.919.

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, 4.798, 46.919

Protanopia

67, 2.912, 68.455

Deuteranopia

67, 8.994, 20.181



Tritanopia
67, 8.755, 331.024

Trichromacy



Original Color
67, 4.798, 46.919

Protanomaly
67, 3.473, 58.755

Deuteranomaly
67, 7.430, 24.246

Tritanomaly
67, 5.984, 346.348

Monochromacy



Original Color
67, 4.798, 46.919

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.874, 55.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 4.798, 46.919 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, 161, 157)` looks like.

```
.text, #text, p{  
    color:rgb(172, 161, 157)  
}
```

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, 161, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 161, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 4.798, 46.919 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, 161, 157) }
```

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

```
.border{ border-color:rgb(172, 161, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 161, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 161, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 161, 157);  
box-shadow:4px 4px 4px 4px rgb(172, 161,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 4.798, 46.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 161, 157) }
```

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

```
.background{ background-color: rgb(172,  
161, 157) }
```

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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