

Converting Colors

CIELCh(67, 25.058, 102.302)

Have a look what the booklet for
CIELCh(67, 25.058, 102.302)
contains.

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Color

CIELCh(67, 25.172, 102.767)

Conversions

Conversions Part 1

Format	Color
Hex	AAA577
RGB	170, 165, 119
RGB Percent	67%, 65%, 47%
CMY	0.3346, 0.3542, 0.5345
CMYK	0.00, 0.03, 0.30, 0.33
HSL	54°, 23%, 57%
HSV	54°, 30%, 67%
XYZ	33.2186, 36.6320, 22.6786
YIQ	161.2510, 17.7460, -13.2460

Conversions

Conversions Part 2

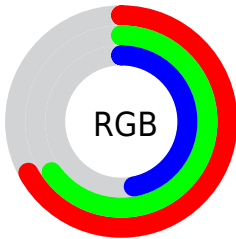
Format	Color
RYB	125, 170, 119
Decimal	11183479
CIELab	67.00, -5.56, 24.55
CIELCh	67, 25.172, 102.767
Yxy	36.6320, 0.3590, 0.3959
Android (android.graphics.Color)	4289373559 (0xFFAAA577)
YUV	161.2510, -20.8297, 7.6729
Hunter-Lab	60.5244, -7.9484, 20.1510

Details

The CIELCh color $67, 25.172, 102.767$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $53, 26.628, 289.779$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 24.989, 102.695$, and $47, 25.018, 102.501$ is the 20% darker color. If you saturate the color by 10%, you get $66, 33.381, 101.711$, and if you desaturate by 10%, it is $68, 16.830, 103.829$.

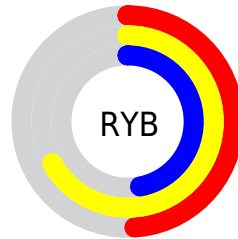
Distribution



Red (67%)

Green (65%)

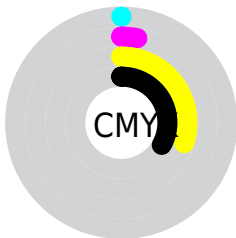
Blue (47%)



Red (49%)

Yellow (67%)

Blue (47%)

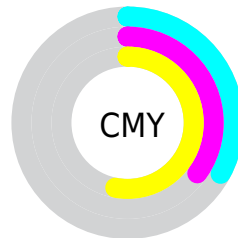


Cyan (0%)

Magenta (3%)

Yellow (30%)

Black (33%)



Cyan (33%)


Magenta (35%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 25.172, 102.767 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, 25.172, 102.767 by changing the saturation by 10% instead.


 67, 25.172,
102.767


 67, 25.172,
102.767


 100, 25.172,
102.767


 57, 25.172,
102.767


 87, 25.172,
102.767

 47, 25.172,
102.767

 97, 25.172,
102.767

 37, 25.172,
102.767

 27, 25.172,
102.767

 17, 25.172,
102.767

 7, 25.172, 102.767

 0, 25.172, 102.767

67, 25.172,
102.767

67, 25.172,
102.767

66, 33.381,
101.711

68, 16.830,
103.829

66, 41.322,
100.665

69, 8.432, 104.869

65, 48.787, 99.649

69, 0.028, 102.554

64, 55.457, 98.683

70, 8.353, 286.906

64, 60.892, 97.785

71, 16.692,
287.857

63, 64.605, 96.961

72, 24.979,
288.770

63, 66.684, 96.199

73, 33.205,
289.642

75, 41.366,
290.470

■ 75, 40.732,
289.630

Harmonies

Complementary

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



67, 25.172, 102.767



53, 26.628, 289.779

Rectangle

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



67, 25.172, 102.767



67, 25.172, 152.767



67, 25.172, 282.767



67, 25.172, 332.767

Sweetspot

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



67, 25.173, 102.771



87, 9.397, 104.959



55, 21.378, 14.179



47, 6.583, 104.814



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, 25.173, 102.771



85, 37.404, 102.070



67, 28.959, 124.004



35, 4.719, 104.947



55, 60.322, 96.280



5, 8.315, 104.115

Inverse Universe

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



53, 26.628, 289.779



64, 40.187, 290.903



54, 30.468, 307.171



33, 4.801, 286.925



18, 84.224, 304.701



1, 8.764, 286.556

Previews

White Background



This preview shows how the CIELCh color 67, 25.172, 102.767 looks on a white background.

Color Contrast Check

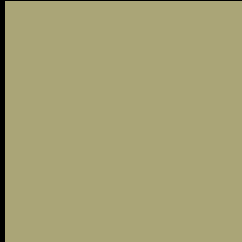
Large Text (above 18pt) WCAG AA × Fail

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, 25.172, 102.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

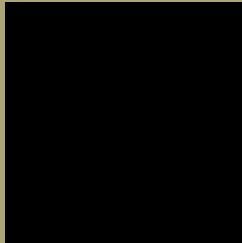
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

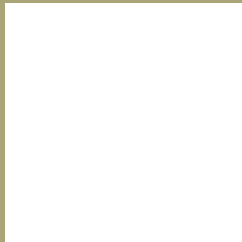
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 25.172, 102.767

Background



This preview shows how black text looks on a background with the CIELCh color 67, 25.172, 102.767.



This preview shows how white text looks on a background with the CIELCh color 67, 25.172, 102.767.

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, 25.172, 102.767

Protanopia

67, 25.130, 95.962

Deuteranopia

67, 25.589, 70.030



Tritanopia
67, 9.544, 336.346

Trichromacy



Original Color
67, 25.172, 102.767

Protanomaly
67, 25.401, 98.957

Deuteranomaly
67, 24.222, 80.833

Tritanomaly
67, 7.421, 61.500

Monochromacy



Original Color
67, 25.172, 102.767

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 8.843, 104.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 25.172, 102.767 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(170, 165, 119)` looks like.

```
.text, #text, p{  
    color:rgb(170, 165, 119)  
}
```

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(170, 165, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 165, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 25.172, 102.767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

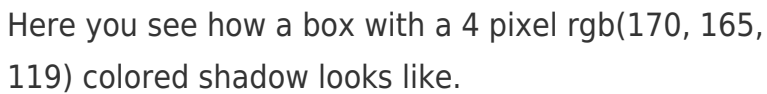
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 165, 119) }
```

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

```
.border{ border-color:rgb(170, 165, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 165, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 165, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 165, 119); box-shadow:4px 4px 4px 4px rgb(170, 165, 119) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 25.172, 102.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 165, 119) }
```

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

```
.background{ background-color: rgb(170,  
165, 119) }
```

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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