

Converting Colors

CIELCh(67, 30.987, 306.092)

Have a look what the booklet for
CIELCh(67, 30.987, 306.092)
contains.

CIELCh(67, 30.787, 305.928)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 30.787, 305.928)

Conversions

Conversions Part 1

Format	Color
Hex	AE9AD0
RGB	174, 154, 208
RGB Percent	68%, 60%, 82%
CMY	0.3179, 0.3963, 0.1846
CMYK	0.16, 0.26, 0.00, 0.18
HSL	262°, 36%, 71%
HSV	262°, 26%, 82%
XYZ	40.3627, 36.6320, 64.5739
YIQ	166.1360, -5.4140, 21.0340

Conversions

Conversions Part 2

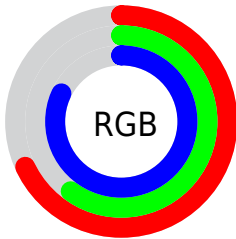
Format	Color
RYB	174, 154, 208
Decimal	11442896
CIELab	67.00, 18.06, -24.93
CIElCh	67, 30.787, 305.928
Yxy	36.6320, 0.2851, 0.2588
Android (android.graphics.Color)	4289632976 (0xFFAE9AD0)
YUV	166.1360, 20.6390, 6.8967
Hunter-Lab	60.5244, 13.1211, -20.8899

Details

The CIELCh color $67, 30.787, 305.928$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $81, 29.396, 123.059$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 25.886, 308.843$, and $47, 30.420, 305.995$ is the 20% darker color. If you saturate the color by 10%, you get $61, 43.283, 306.625$, and if you desaturate by 10%, it is $73, 18.627, 305.290$.

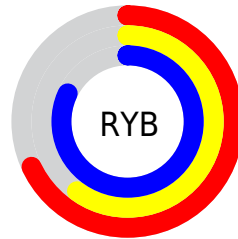
Distribution



Red (68%)

Green (60%)

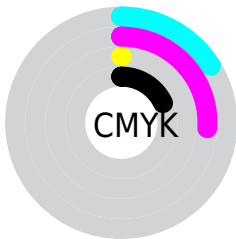
Blue (82%)



Red (68%)

Yellow (60%)

Blue (82%)

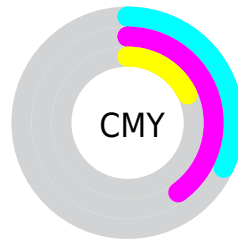


Cyan (16%)

Magenta (26%)

Yellow (0%)

Black (18%)



Cyan (32%)


Magenta (40%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 30.787, 305.928 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, 30.787, 305.928 by changing the saturation by 10% instead.

 67, 30.787,
305.928

 67, 30.787,
305.928

 100, 30.787,
305.928


 57, 30.787,
305.928


 87, 30.787,
305.928

 47, 30.787,
305.928

 97, 30.787,
305.928

 37, 30.787,
305.928

 27, 30.787,
305.928

 17, 30.787,
305.928

 7, 30.787, 305.928

 0, 30.787, 305.928

67, 30.787,
305.928

67, 30.787,
305.928

61, 43.283,
306.625

73, 18.627,
305.290

55, 56.018,
307.366

80, 6.850, 304.714

86, 4.536, 124.239

49, 68.777,
308.118

92, 15.538,
123.786

43, 81.162,
308.816

98, 24.529,
121.957

38, 92.499,
309.360

99, 23.792,
110.629

34, 101.809,
309.607

99, 23.765,
108.376

31, 108.051,
309.407

30, 110.017,

Harmonies

Complementary

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



67, 30.787, 305.928



81, 29.396, 123.059

Rectangle

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



67, 30.787, 305.928



67, 30.787, 355.928



67, 30.787, 125.928



67, 30.787, 175.928

Sweetspot

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



67, 30.785, 305.928



94, 10.874, 304.832



74, 15.418, 242.991



49, 7.747, 304.918



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 30.785, 305.928



77, 43.732, 306.297



69, 33.947, 321.976



41, 6.579, 304.907



23, 93.829, 309.430



2, 26.174, 302.926

Inverse Universe

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



70, 27.283, 339.289



81, 38.442, 339.770



79, 33.693, 139.318



41, 5.930, 337.928



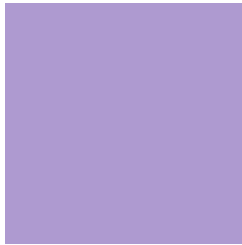
37, 65.016, 350.182



5, 23.496, 345.294

Previews

White Background



This preview shows how the CIELCh color 67, 30.787, 305.928 looks on a white background.

Color Contrast Check

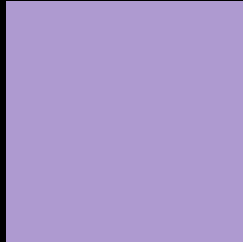
Large Text (above 18pt) WCAG AA × Fail

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, 30.787, 305.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

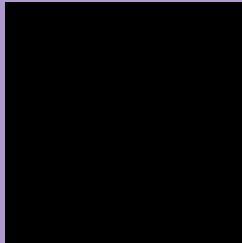
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 30.787, 305.928

Background



This preview shows how black text looks on a background with the CIELCh color 67, 30.787, 305.928.



This preview shows how white text looks on a background with the CIELCh color 67, 30.787, 305.928.

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, 30.787, 305.928

Protanopia
67, 28.876, 285.358

Deuteranopia
67, 25.992, 289.870



Tritanopia
67, 7.824, 313.284

Trichromacy



Original Color
67, 30.787, 305.928

Protanomaly
67, 29.343, 293.140

Deuteranomaly
67, 27.212, 296.457

Tritanomaly
67, 16.163, 307.277

Monochromacy



Original Color
67, 30.787, 305.928

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 10.837, 304.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 30.787, 305.928 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, 154, 208)` looks like.

```
.text, #text, p{  
    color:rgb(174, 154, 208)  
}
```

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, 154, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 154, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 30.787, 305.928 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, 154, 208) }
```

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

```
.border{ border-color:rgb(174, 154, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 154, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 154, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 154, 208);  
box-shadow:4px 4px 4px 4px rgb(174, 154,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 30.787, 305.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 154, 208) }
```

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

```
.background{ background-color: rgb(174,  
154, 208) }
```

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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