

Converting Colors

CIELCh(67, 36.661, 304.772)

Have a look what the booklet for
CIELCh(67, 36.661, 304.772)
contains.

CIELCh(67, 36.231, 304.752)	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, 36.231, 304.752)

Conversions

Conversions Part 1

Format	Color
Hex	AE99D9
RGB	174, 153, 217
RGB Percent	68%, 60%, 85%
CMY	0.3189, 0.4012, 0.1503
CMYK	0.20, 0.30, 0.00, 0.15
HSL	260°, 45%, 72%
HSV	260°, 30%, 85%
XYZ	41.2022, 36.6320, 70.3141
YIQ	166.5750, -8.0280, 24.3560

Conversions

Conversions Part 2

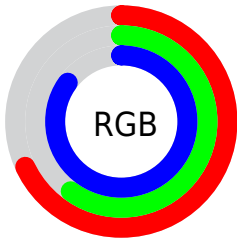
Format	Color
RYB	174, 153, 217
Decimal	11442649
CIELab	67.00, 20.65, -29.77
CIElCh	67, 36.231, 304.752
Yxy	36.6320, 0.2781, 0.2473
Android (android.graphics.Color)	4289632729 (0xFFAE99D9)
YUV	166.5750, 24.8595, 6.5117
Hunter-Lab	60.5244, 15.5970, -26.5131

Details

The CIELCh color $67, 36.231, 304.752$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $84, 34.222, 121.206$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 26.503, 309.243$, and $47, 36.217, 304.911$ is the 20% darker color. If you saturate the color by 10%, you get $60, 49.257, 305.544$, and if you desaturate by 10%, it is $74, 23.561, 304.031$.

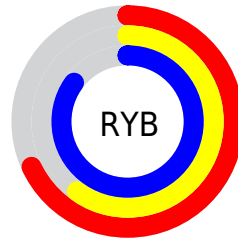
Distribution



Red (68%)

Green (60%)

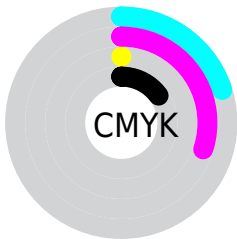
Blue (85%)



Red (68%)

Yellow (60%)

Blue (85%)

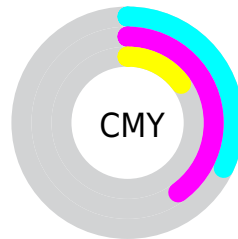


Cyan (20%)

Magenta (30%)

Yellow (0%)

Black (15%)



Cyan (32%)


Magenta (40%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 36.231, 304.752 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, 36.231, 304.752 by changing the saturation by 10% instead.


 67, 36.231,
304.752


 67, 36.231,
304.752


 100, 36.231,
304.752


 57, 36.231,
304.752


 87, 36.231,
304.752

 47, 36.231,
304.752

 97, 36.231,
304.752

 37, 36.231,
304.752

 27, 36.231,
304.752

 17, 36.231,
304.752

 7, 36.231, 304.752

 0, 36.231, 304.752

67, 36.231,
304.752

67, 36.231,
304.752

60, 49.257,
305.544

74, 23.561,
304.031

54, 62.519,
306.387

80, 11.301,
303.386

48, 75.753,
307.239

87, 0.540, 122.941

42, 88.460,
308.021

93, 11.970,
122.338

37, 99.796,
308.608

99, 19.669,
117.869

33, 108.596,
308.830

99, 19.380,
108.711

30, 114.169,
308.617

30, 114.408,

308.609

Harmonies

Complementary

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



67, 36.231, 304.752



84, 34.222, 121.206

Rectangle

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



67, 36.231, 304.752



67, 36.231, 354.752



67, 36.231, 124.752



67, 36.231, 174.752

Sweetspot

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



67, 36.229, 304.752



93, 12.175, 303.359



77, 17.688, 236.776



49, 8.481, 303.449



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, 36.229, 304.752



74, 49.465, 305.203



70, 39.451, 320.629



42, 6.668, 303.379



23, 95.650, 308.764



2, 28.157, 302.408

Inverse Universe

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



70, 33.015, 337.653



78, 44.576, 338.151



82, 38.977, 137.719



42, 6.234, 336.068



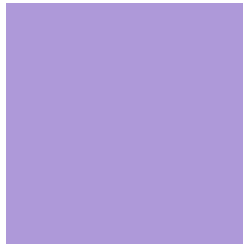
38, 67.284, 346.859



6, 25.960, 342.739

Previews

White Background



This preview shows how the CIELCh color 67, 36.231, 304.752 looks on a white background.

Color Contrast Check

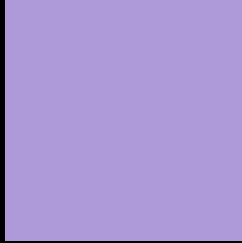
Large Text (above 18pt) WCAG AA × Fail

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, 36.231, 304.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

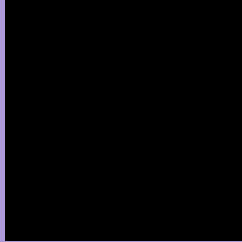
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 36.231, 304.752

Background



This preview shows how black text looks on a background with the CIELCh color 67, 36.231, 304.752.



This preview shows how white text looks on a background with the CIELCh color 67, 36.231, 304.752.

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, 36.231, 304.752

Protanopia
67, 34.426, 285.291

Deuteranopia
67, 30.458, 287.777



Tritanopia
67, 7.454, 305.307

Trichromacy



Original Color
67, 36.231, 304.752

Protanomaly
67, 34.833, 292.094

Deuteranomaly
67, 32.689, 294.599

Tritanomaly
67, 18.213, 304.398

Monochromacy



Original Color
67, 36.231, 304.752

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 13.081, 304.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 36.231, 304.752 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, 153, 217)` looks like.

```
.text, #text, p{  
    color:rgb(174, 153, 217)  
}
```

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, 153, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 153, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 36.231, 304.752 is called "border". The border property can be set on classes, ids or directly on the HTML element.

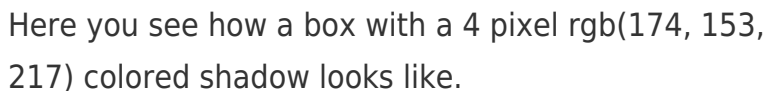
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 153, 217) }
```

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

```
.border{ border-color:rgb(174, 153, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(174, 153, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 153, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 153, 217); box-shadow:4px 4px 4px 4px rgb(174, 153, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 36.231, 304.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 153, 217) }
```

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

```
.background{ background-color: rgb(174,  
153, 217) }
```

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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