

Converting Colors

CIELCh(69, 35.401, 300.400)

Have a look what the booklet for
CIELCh(69, 35.401, 300.400)
contains.

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Color

CIELCh(69, 35.570, 300.457)

Conversions

Conversions Part 1

Format	Color
Hex	ADA0E0
RGB	173, 160, 224
RGB Percent	68%, 63%, 88%
CMY	0.3220, 0.3730, 0.1221
CMYK	0.23, 0.29, 0.00, 0.12
HSL	252°, 51%, 75%
HSV	252°, 29%, 88%
XYZ	43.1927, 39.3444, 75.7460
YIQ	171.1830, -12.7960, 22.6600

Conversions

Conversions Part 2

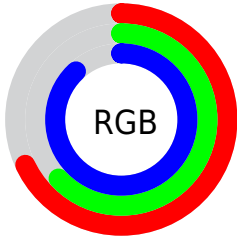
Format	Color
R_{YB}	173, 160, 224
Decimal	11378912
CIE _{Lab}	69.00, 18.03, -30.66
CIE _{LCh}	69, 35.570, 300.457
Yxy	39.3444, 0.2729, 0.2486
Android (android.graphics.Color)	4289568992 (0xFFADA0E0)
YUV	171.1830, 26.0388, 1.5935
Hunter-Lab	62.7251, 13.1468, -27.6903

Details

The CIELCh color `69, 35.570, 300.457` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `87, 33.378, 116.159`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `88, 21.529, 304.564`, and `49, 36.154, 300.432` is the 20% darker color. If you saturate the color by 10%, you get `62, 48.919, 301.510`, and if you desaturate by 10%, it is `76, 22.686, 299.527`.

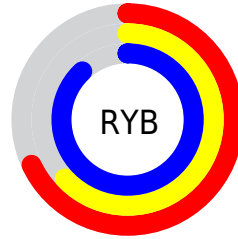
Distribution



Red (68%)

Green (63%)

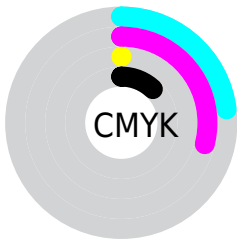
Blue (88%)



Red (68%)

Yellow (63%)

Blue (88%)

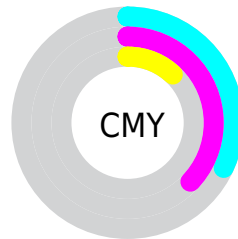


Cyan (23%)

Magenta (29%)

Yellow (0%)

Black (12%)



Cyan (32%)


Magenta (37%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 35.570, 300.457 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 69, 35.570, 300.457 by changing the saturation by 10% instead.


 69, 35.570,
300.457


 69, 35.570,
300.457


 100, 35.570,
300.457


 59, 35.570,
300.457


 89, 35.570,
300.457

 49, 35.570,
300.457

 99, 35.570,
300.457

 39, 35.570,
300.457

 29, 35.570,
300.457

 19, 35.570,
300.457

 9, 35.570, 300.457

 0, 35.570, 300.457

69, 35.570,
300.457

69, 35.570,
300.457

62, 48.919,
301.510

76, 22.686,
299.527

55, 62.665,
302.679

83, 10.283,
298.718

48, 76.603,
303.927

90, 1.654, 118.028

42, 90.271,
305.171

97, 13.148,
117.419

37, 102.776,
306.262

99, 15.748,
108.987

32, 112.711,
306.984

30, 118.830,
307.176

29, 119.554,

Harmonies

Complementary

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



69, 35.570, 300.457



87, 33.378, 116.159

Rectangle

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



69, 35.570, 300.457



69, 35.570, 350.457



69, 35.570, 120.457



69, 35.570, 170.457

Sweetspot

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



69, 35.568, 300.457



93, 11.994, 298.754



82, 17.903, 220.774



49, 8.357, 298.867



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 35.568, 300.457



73, 47.528, 301.038



72, 38.194, 316.959



43, 6.827, 298.783



22, 99.707, 307.309



3, 32.018, 300.720

Inverse Universe

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



73, 35.768, 332.478



79, 47.166, 332.870



85, 37.384, 134.372



44, 7.081, 331.198



40, 74.787, 338.302



7, 31.313, 336.343

Previews

White Background



This preview shows how the CIELCh color 69, 35.570, 300.457 looks on a white background.

Color Contrast Check

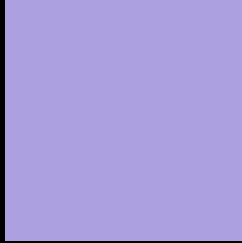
Large Text (above 18pt) WCAG AA × Fail

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 69, 35.570, 300.457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

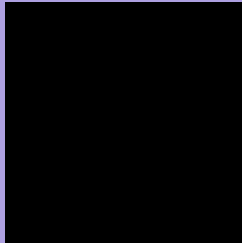
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 35.570, 300.457

Background



This preview shows how black text looks on a background with the CIELCh color 69, 35.570, 300.457.



This preview shows how white text looks on a background with the CIELCh color 69, 35.570, 300.457.

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

69, 35.570, 300.457

Protanopia

69, 34.781, 285.357

Deuteranopia

69, 31.393, 286.834



Tritanopia
69, 7.207, 282.191

Trichromacy



Original Color
69, 35.570, 300.457

Protanomaly
69, 34.627, 290.424

Deuteranomaly
69, 32.422, 292.215

Tritanomaly
69, 17.661, 295.348

Monochromacy



Original Color
69, 35.570, 300.457

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 12.790, 299.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 35.570, 300.457 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(173, 160, 224)` looks like.

```
.text, #text, p{  
    color:rgb(173, 160, 224)  
}
```

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(173, 160, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 160, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 35.570, 300.457 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(173, 160, 224) }
```

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

```
.border{ border-color:rgb(173, 160, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 160, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 160, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 160, 224);  
box-shadow:4px 4px 4px 4px rgb(173, 160,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 35.570, 300.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 160, 224) }
```

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

```
.background{ background-color: rgb(173,  
160, 224) }
```

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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