

Converting Colors

CIELCh(41, 85.546, 328.822)

Have a look what the booklet for
CIELCh(41, 85.546, 328.822)
contains.

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Color

CIELCh(41, 85.627, 328.694)

Conversions

Conversions Part 1

Format	Color
Hex	AD01AB
RGB	173, 1, 171
RGB Percent	68%, 0%, 67%
CMY	0.3208, 0.9977, 0.3287
CMYK	0.00, 1.00, 0.01, 0.32
HSL	301°, 99%, 34%
HSV	301°, 100%, 68%
XYZ	24.6483, 11.8645, 39.6065
YIQ	71.8080, 47.9420, 89.3340

Conversions

Conversions Part 2

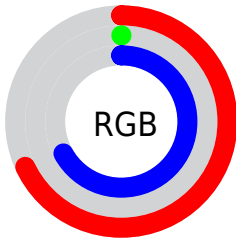
Format	Color
R_{YB}	173, 1, 171
Decimal	11338155
CIE _{Lab}	41.00, 73.16, -44.49
CIE _{LCh}	41, 85.627, 328.694
Yxy	11.8645, 0.3238, 0.1559
Android (android.graphics.Color)	4289528235 (0xFFAD01AB)
YUV	71.8080, 48.9017, 88.7454
Hunter-Lab	34.4449, 67.4533, -44.0631

Details

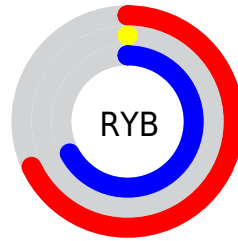
The CIELCh color $41, 85.627, 328.694$ is a dark color, and the websafe version is hex 990099 . A complement of this color would be $62, 89.317, 136.132$, and the grayscale version is $30, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 85.446, 328.648$, and $27, 65.437, 327.589$ is the 20% darker color. If you saturate the color by 10%, you get $41, 85.689, 328.698$, and if you desaturate by 10%, it is $42, 83.492, 328.569$.

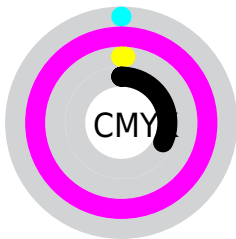
Distribution



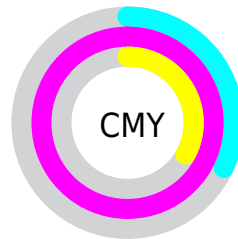
- Red (68%)
- Green (0%)
- Blue (67%)



- Red (68%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (32%)



- Cyan (32%)
- Magenta (100%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 85.627, 328.694 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 41, 85.627, 328.694 by changing the saturation by 10% instead.


 41, 85.627,
328.694


 41, 85.627,
328.694


 100, 85.627,
328.694


 31, 85.627,
328.694

 61, 85.627,
328.694


 21, 85.627,
328.694

 71, 85.627,
328.694


 11, 85.627,
328.694


 81, 85.627,
328.694

 1, 85.627, 328.694

 91, 85.627,
328.694

 0, 85.627, 328.694

 41, 85.627,

 41, 85.627,

328.694

328.694

■ 41, 85.689,
328.698

■ 42, 83.492,
328.569

■ 43, 79.576,
328.379

■ 45, 73.528,
328.105

■ 47, 65.574,
327.753

■ 50, 56.101,
327.333

■ 54, 45.552,
326.859

■ 58, 34.335,
326.346

■ 62, 22.786,
325.809

■ 66, 11.158,
325.255

Harmonies

Complementary

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



41, 85.627, 328.694



62, 89.317, 136.132

Rectangle

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



41, 85.627, 328.694



41, 85.627, 18.694



41, 85.627, 148.694



41, 85.627, 198.694

Sweetspot

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



41, 85.625, 328.694



73, 42.845, 326.391



20, 99.949, 306.255



36, 29.121, 326.602



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



41, 85.625, 328.694



53, 103.961, 328.706



37, 63.386, 1.652



34, 6.539, 325.235



35, 77.265, 328.693



2, 13.695, 324.900

Inverse Universe

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



41, 85.625, 328.694



53, 103.961, 328.706



62, 66.333, 149.331



34, 6.539, 325.235



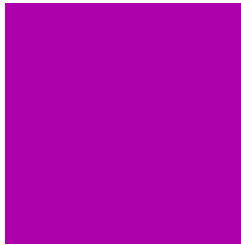
35, 77.265, 328.693



2, 13.695, 324.900

Previews

White Background



This preview shows how the CIELCh color 41, 85.627, 328.694 looks on a white background.

Color Contrast Check

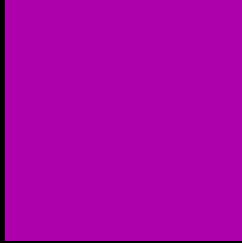
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 41, 85.627, 328.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

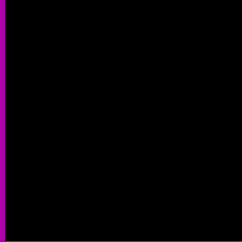
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 85.627, 328.694

Background



This preview shows how black text looks on a background with the CIELCh color 41, 85.627, 328.694.

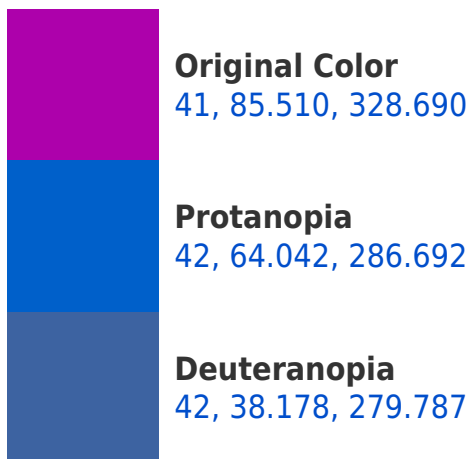


This preview shows how white text looks on a background with the CIELCh color 41, 85.627, 328.694.

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





Tritanopia
42, 43.724, 23.259

Trichromacy



Original Color
41, 85.510, 328.690

Protanomaly
34, 79.492, 301.546

Deuteranomaly
36, 63.037, 308.796

Tritanomaly
40, 55.755, 351.703

Monochromacy



Original Color
41, 85.510, 328.690

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 43.938, 327.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 85.627, 328.694 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, 1, 171)` looks like.

```
.text, #text, p{  
    color:rgb(173, 1, 171)  
}
```

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, 1, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 1, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 85.627, 328.694 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, 1, 171) }
```

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

```
.border{ border-color:rgb(173, 1, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 1, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 1, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 1, 171);  
box-shadow:4px 4px 4px 4px rgb(173, 1,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 85.627, 328.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 1, 171) }
```

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

```
.background{ background-color: rgb(173, 1,  
171) }
```

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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