

Converting Colors

CIELCh(41, 84.881, 328.885)

Have a look what the booklet for
CIELCh(41, 84.881, 328.885)
contains.

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Color

CIELCh(41, 84.891, 328.918)

Conversions

Conversions Part 1

Format	Color
Hex	AD03AA
RGB	173, 3, 170
RGB Percent	68%, 1%, 67%
CMY	0.3213, 0.9875, 0.3331
CMYK	0.00, 0.98, 0.02, 0.32
HSL	301°, 96%, 35%
HSV	301°, 98%, 68%
XYZ	24.5425, 11.8645, 39.0545
YIQ	72.8680, 47.7130, 87.9770

Conversions

Conversions Part 2

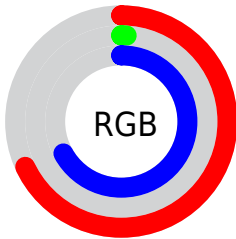
Format	Color
RYB	173, 3, 170
Decimal	11338666
CIELab	41.00, 72.70, -43.83
CIELCh	41, 84.891, 328.918
Yxy	11.8645, 0.3252, 0.1572
Android (android.graphics.Color)	4289528746 (0xFFAD03AA)
YUV	72.8680, 47.8861, 87.8158
Hunter-Lab	34.4449, 66.9049, -43.1130

Details

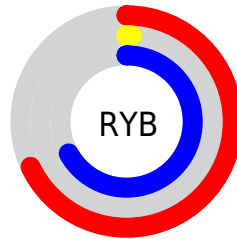
The CIELCh color **41, 84.891, 328.918** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **62, 88.788, 136.247**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 85.058, 328.871**, and **27, 65.017, 327.908** is the 20% darker color. If you saturate the color by 10%, you get **41, 85.242, 328.944**, and if you desaturate by 10%, it is **42, 82.631, 328.768**.

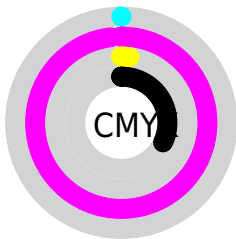
Distribution



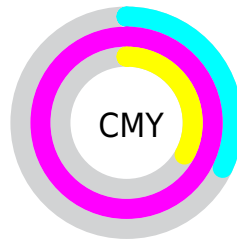
- Red (68%)
- Green (1%)
- Blue (67%)



- Red (68%)
- Yellow (1%)
- Blue (67%)



- Cyan (0%)
- Magenta (98%)
- Yellow (2%)
- Black (32%)





- Cyan (32%)
- Magenta (99%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 84.891, 328.918 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, 84.891, 328.918 by changing the saturation by 10% instead.


 41, 84.891,
328.918


 41, 84.891,
328.918


 100, 84.891,
328.918


 31, 84.891,
328.918

 61, 84.891,
328.918


 21, 84.891,
328.918

 71, 84.891,
328.918


 11, 84.891,
328.918


 81, 84.891,
328.918

 1, 84.891, 328.918

 91, 84.891,
328.918

 0, 84.891, 328.918

 41, 84.891,

 41, 84.891,

328.918

■ 41, 85.242,
328.944

328.918

■ 42, 82.631,
328.768

■ 43, 78.423,
328.548

■ 45, 72.103,
328.250

■ 48, 63.931,
327.877

■ 51, 54.311,
327.441

■ 54, 43.683,
326.955

■ 58, 32.447,
326.434

■ 63, 20.925,
325.891

Harmonies

Complementary

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



41, 84.891, 328.918



62, 88.788, 136.247

Rectangle

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



41, 84.891, 328.918



41, 84.891, 18.918



41, 84.891, 148.918



41, 84.891, 198.918

Sweetspot

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



41, 84.889, 328.918



74, 41.268, 326.506



21, 99.019, 306.160



37, 28.218, 326.723



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, 84.889, 328.918



53, 103.465, 328.956



37, 62.966, 2.631



34, 6.512, 325.398



35, 76.907, 328.935



2, 13.612, 325.142

Inverse Universe

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



41, 84.889, 328.918



53, 103.465, 328.956



62, 64.556, 150.504



34, 6.512, 325.398



35, 76.907, 328.935



2, 13.612, 325.142

Previews

White Background



This preview shows how the CIELCh color 41, 84.891, 328.918 looks on a white background.

Color Contrast Check

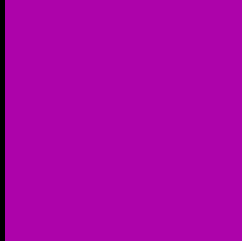
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.891, 328.918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

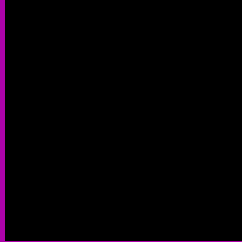
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 84.891, 328.918

Background



This preview shows how black text looks on a background with the CIELCh color 41, 84.891, 328.918.

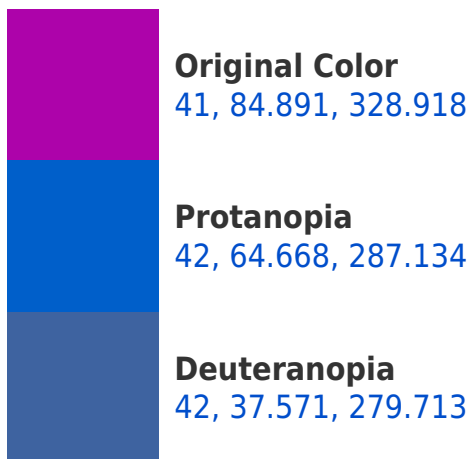


This preview shows how white text looks on a background with the CIELCh color 41, 84.891, 328.918.

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, 43.884, 24.008

Trichromacy



Original Color
41, 84.891, 328.918



Protanomaly
34, 78.322, 301.273



Deuteranomaly
36, 61.863, 308.673



Tritanomaly
40, 55.194, 352.414

Monochromacy



Original Color
41, 84.891, 328.918



Achromatopsia
31, 0.005, 296.813



Achromatomaly
31, 42.732, 327.647

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 84.891, 328.918 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, 3, 170)` looks like.

```
.text, #text, p{  
    color:rgb(173, 3, 170)  
}
```

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, 3, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 3, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 84.891, 328.918 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, 3, 170) }
```

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

```
.border{ border-color:rgb(173, 3, 170) }
```

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

Here you see how a box with a 4 pixel rgb(173, 3, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 3, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 3, 170);  
box-shadow:4px 4px 4px 4px rgb(173, 3,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 84.891, 328.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 3, 170) }
```

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

```
.background{ background-color: rgb(173, 3,  
170) }
```

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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