

Converting Colors

CIELCh(41, 86.489, 328.268)

Have a look what the booklet for
CIELCh(41, 86.489, 328.268)
contains.

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Color

CIELCh(41, 86.401, 328.233)

Conversions

Conversions Part 1

Format	Color
Hex	AD00AD
RGB	173, 0, 173
RGB Percent	68%, 0%, 68%
CMY	0.3222, 1.0000, 0.3222
CMYK	0.00, 1.00, 0.00, 0.32
HSL	300°, 100%, 34%
HSV	300°, 100%, 68%
XYZ	24.7174, 11.8645, 40.4401
YIQ	71.4490, 47.5750, 90.4790

Conversions

Conversions Part 2

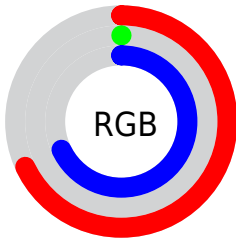
Format	Color
R_{YB}	173, 0, 173
Decimal	11337901
CIE _{Lab}	41.00, 73.46, -45.49
CIE _{LCh}	41, 86.401, 328.233
Yxy	11.8645, 0.3209, 0.1540
Android (android.graphics.Color)	4289527981 (0xFFAD00AD)
YUV	71.4490, 50.0646, 89.0602
Hunter-Lab	34.4449, 67.8114, -45.4980

Details

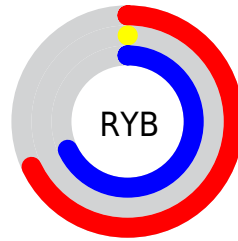
The CIELCh color $41, 86.401, 328.233$ is a dark color, and the websafe version is hex 990099 . A complement of this color would be $62, 89.487, 136.016$, and the grayscale version is $30, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 86.226, 328.211$, and $27, 66.284, 326.969$ is the 20% darker color. If you saturate the color by 10%, you get $41, 86.341, 328.231$, and if you desaturate by 10%, it is $42, 84.167, 328.145$.

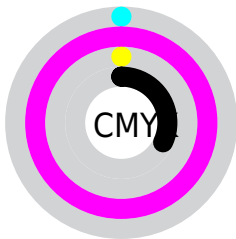
Distribution



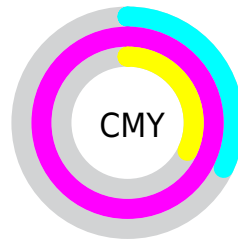
- Red (68%)
- Green (0%)
- Blue (68%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 86.401, 328.233 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, 86.401, 328.233 by changing the saturation by 10% instead.


 41, 86.401,
328.233


 41, 86.401,
328.233


 100, 86.401,
328.233


 31, 86.401,
328.233

 61, 86.401,
328.233


 21, 86.401,
328.233

 71, 86.401,
328.233


 11, 86.401,
328.233


 81, 86.401,
328.233

 1, 86.401, 328.233

 91, 86.401,
328.233

 0, 86.401, 328.233

 41, 86.401,

 41, 86.401,

328.233

328.233

■ 41, 86.341,
328.231

■ 42, 84.167,
328.145

■ 43, 80.259,
327.988

■ 45, 74.222,
327.742

■ 47, 66.268,
327.412

■ 50, 56.779,
327.007

■ 54, 46.195,
326.545

■ 58, 34.927,
326.041

■ 62, 23.315,
325.509

■ 66, 11.615,
324.960

Harmonies

Complementary

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



41, 86.401, 328.233



62, 89.487, 136.016

Rectangle

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



41, 86.401, 328.233



41, 86.401, 18.233



41, 86.401, 148.233



41, 86.401, 198.233

Sweetspot

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



41, 86.341, 328.231



73, 43.180, 326.068



20, 99.184, 306.069



36, 29.348, 326.277



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, 86.341, 328.231



53, 104.926, 328.231



37, 63.543, 0.205



34, 6.590, 324.921



35, 77.962, 328.231



2, 13.856, 324.437

Inverse Universe

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



36, 78.038, 39.920



47, 94.944, 39.999



62, 67.498, 148.444



34, 3.818, 19.906



31, 69.981, 39.445



2, 7.802, 19.402

Previews

White Background



This preview shows how the CIELCh color 41, 86.401, 328.233 looks on a white background.

Color Contrast Check

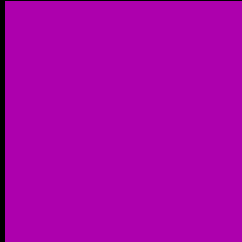
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 41, 86.401, 328.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

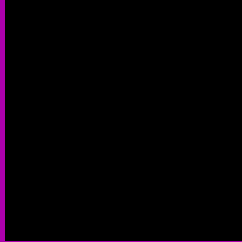
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 86.401, 328.233

Background



This preview shows how black text looks on a background with the CIELCh color 41, 86.401, 328.233.



This preview shows how white text looks on a background with the CIELCh color 41, 86.401, 328.233.

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

41, 86.401, 328.233

Protanopia

42, 64.042, 286.692

Deuteranopia

42, 38.266, 278.751



Tritanopia
42, 42.936, 23.715

Trichromacy



Original Color
41, 86.401, 328.233



Protanomaly
34, 79.492, 301.546



Deuteranomaly
36, 62.968, 307.972



Tritanomaly
39, 55.729, 350.798

Monochromacy



Original Color
41, 86.401, 328.233



Achromatopsia
30, 0.005, 296.813



Achromatomaly
30, 44.418, 327.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 86.401, 328.233 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, 0, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 173)  
}
```

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, 0, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 86.401, 328.233 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, 0, 173) }
```

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

```
.border{ border-color:rgb(173, 0, 173) }
```

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

Here you see how a box with a 4 pixel rgb(173, 0, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 0,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 86.401, 328.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 0, 173) }
```

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

```
.background{ background-color: rgb(173, 0,  
173) }
```

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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