

Converting Colors

CIELCh(41, 83.722, 327.386)

Have a look what the booklet for
CIELCh(41, 83.722, 327.386)
contains.

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Color

CIELCh(41, 83.741, 327.435)

Conversions

Conversions Part 1

Format	Color
Hex	A912AC
RGB	169, 18, 172
RGB Percent	66%, 7%, 67%
CMY	0.3369, 0.9287, 0.3252
CMYK	0.02, 0.89, 0.00, 0.33
HSL	299°, 81%, 37%
HSV	299°, 89%, 67%
XYZ	24.0537, 11.8645, 40.0925
YIQ	80.7050, 40.5620, 79.9060

Conversions

Conversions Part 2

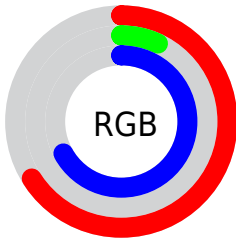
Format	Color
R_{YB}	169, 18, 172
Decimal	11080364
CIE _{Lab}	41.00, 70.58, -45.07
CIE _{LCh}	41, 83.741, 327.435
Yxy	11.8645, 0.3165, 0.1561
Android (android.graphics.Color)	4289270444 (0xFFA912AC)
YUV	80.7050, 45.0084, 77.4347
Hunter-Lab	34.4449, 64.3721, -44.8997

Details

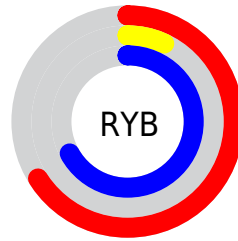
The CIELCh color **41, 83.741, 327.435** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **61, 86.207, 136.376**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 83.724, 327.489**, and **26, 65.991, 326.015** is the 20% darker color. If you saturate the color by 10%, you get **40, 86.015, 327.467**, and if you desaturate by 10%, it is **42, 79.650, 327.318**.

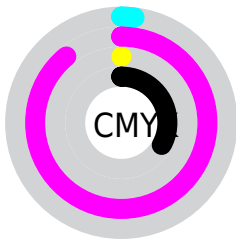
Distribution



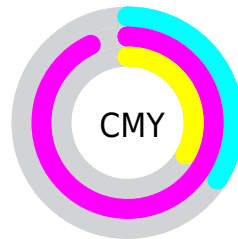
- Red (66%)
- Green (7%)
- Blue (67%)



- Red (66%)
- Yellow (7%)
- Blue (67%)



- Cyan (2%)
- Magenta (89%)
- Yellow (0%)
- Black (33%)





- Cyan (34%)
- Magenta (93%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 83.741, 327.435 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, 83.741, 327.435 by changing the saturation by 10% instead.


 41, 83.741,
327.435


 41, 83.741,
327.435


 100, 83.741,
327.435


 31, 83.741,
327.435

 61, 83.741,
327.435


 21, 83.741,
327.435

 71, 83.741,
327.435


 11, 83.741,
327.435


 81, 83.741,
327.435

 1, 83.741, 327.435

 91, 83.741,
327.435

 0, 83.741, 327.435

 41, 83.741,

 41, 83.741,

327.435

327.435

■ 40, 86.015,
327.467

■ 42, 79.650,
327.318

■ 40, 86.134,
327.469

■ 44, 73.441,
327.100

■ 47, 65.356,
326.789

■ 50, 55.795,
326.399

■ 54, 45.198,
325.949

■ 57, 33.969,
325.456

■ 62, 22.436,
324.937

■ 66, 10.841,
324.400

Harmonies

Complementary

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



41, 83.741, 327.435



61, 86.207, 136.376

Rectangle

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



41, 83.741, 327.435



41, 83.741, 17.435



41, 83.741, 147.435



41, 83.741, 197.435

Sweetspot

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



41, 83.739, 327.435



75, 38.700, 325.357



23, 91.840, 304.583



37, 26.016, 325.524



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, 83.739, 327.435



53, 105.016, 327.455



38, 62.257, 355.083



34, 6.551, 324.393



35, 78.026, 327.477



2, 13.729, 323.672

Inverse Universe

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



37, 70.998, 35.888



47, 94.132, 39.373



62, 63.835, 149.923



34, 3.817, 18.333



31, 69.270, 38.670



2, 7.806, 18.083

Previews

White Background



This preview shows how the CIELCh color 41, 83.741, 327.435 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, 83.741, 327.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

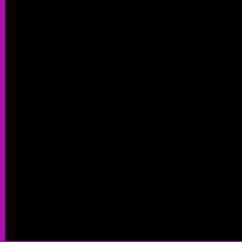
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 83.741, 327.435

Background



This preview shows how black text looks on a background with the CIELCh color 41, 83.741, 327.435.



This preview shows how white text looks on a background with the CIELCh color 41, 83.741, 327.435.

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, 83.741, 327.435

Protanopia

42, 63.556, 286.684

Deuteranopia

42, 38.918, 278.982



Tritanopia
41, 40.525, 22.278

Trichromacy



Original Color
41, 83.741, 327.435

Protanomaly
35, 75.215, 299.767

Deuteranomaly
37, 59.145, 306.014

Tritanomaly
40, 51.790, 349.976

Monochromacy



Original Color
41, 83.741, 327.435

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 39.764, 326.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 83.741, 327.435 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(169, 18, 172)` looks like.

```
.text, #text, p{  
    color:rgb(169, 18, 172)  
}
```

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(169, 18, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 18, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 83.741, 327.435 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(169, 18, 172) }
```

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

```
.border{ border-color:rgb(169, 18, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 18, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 18, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 18, 172);  
box-shadow:4px 4px 4px 4px rgb(169, 18,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 83.741, 327.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 18, 172) }
```

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

```
.background{ background-color: rgb(169, 18,  
172) }
```

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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