

Converting Colors

CIELCh(41, 81.292, 332.350)

Have a look what the booklet for
CIELCh(41, 81.292, 332.350)
contains.

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Color

CIELCh(41, 81.285, 332.454)

Conversions

Conversions Part 1

Format	Color
Hex	B101A0
RGB	177, 1, 160
RGB Percent	69%, 0%, 63%
CMY	0.3071, 0.9956, 0.3736
CMYK	0.00, 0.99, 0.10, 0.31
HSL	306°, 99%, 35%
HSV	306°, 99%, 69%
XYZ	24.3965, 11.8645, 34.1359
YIQ	71.7500, 53.8570, 86.7610

Conversions

Conversions Part 2

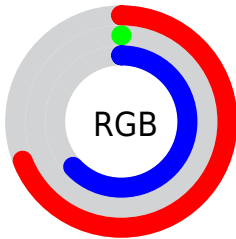
Format	Color
R_{YB}	177, 1, 160
Decimal	11600288
CIE _{Lab}	41.00, 72.07, -37.59
CIE _{LCh}	41, 81.285, 332.454
Yxy	11.8645, 0.3466, 0.1685
Android (android.graphics.Color)	4289790368 (0xFFB101A0)
YUV	71.7500, 43.5072, 92.3042
Hunter-Lab	34.4449, 66.1483, -34.6467

Details

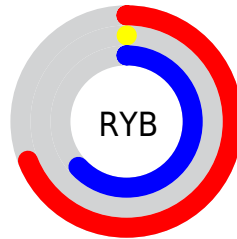
The CIELCh color **41, 81.285, 332.454** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **63, 88.837, 136.946**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 81.290, 332.434**, and **27, 61.366, 332.481** is the 20% darker color. If you saturate the color by 10%, you get **41, 81.375, 332.483**, and if you desaturate by 10%, it is **42, 79.609, 331.996**.

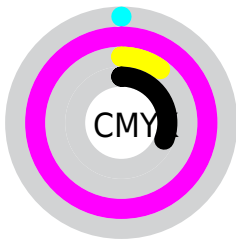
Distribution



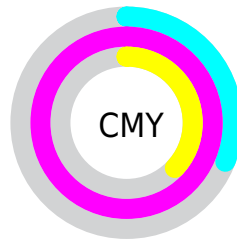
- Red (69%)
- Green (0%)
- Blue (63%)



- Red (69%)
- Yellow (0%)
- Blue (63%)



- Cyan (0%)
- Magenta (99%)
- Yellow (10%)
- Black (31%)





- Cyan (31%)
- Magenta (100%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 81.285, 332.454 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, 81.285, 332.454 by changing the saturation by 10% instead.


 41, 81.285,
332.454


 41, 81.285,
332.454


 100, 81.285,
332.454


 31, 81.285,
332.454

 61, 81.285,
332.454


 21, 81.285,
332.454

 71, 81.285,
332.454


 11, 81.285,
332.454


 81, 81.285,
332.454

 1, 81.285, 332.454

 91, 81.285,
332.454

 0, 81.285, 332.454

 41, 81.285,

 41, 81.285,

332.454

332.454

■ 41, 81.375,
332.483

■ 42, 79.609,
331.996

■ 43, 76.053,
331.531

■ 45, 70.328,
331.046

■ 48, 62.695,
330.533

■ 51, 53.570,
329.992

■ 55, 43.404,
329.429

■ 59, 32.608,
328.852

■ 63, 21.511,
328.268

■ 68, 10.355,
327.679

Harmonies

Complementary

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



41, 81.285, 332.454



63, 88.837, 136.946

Rectangle

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



41, 81.285, 332.454



41, 81.285, 22.454



41, 81.285, 152.454



41, 81.285, 202.454

Sweetspot

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



41, 81.283, 332.454



74, 41.194, 328.919



21, 100.843, 306.503



37, 28.010, 329.157



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



41, 81.283, 332.454



53, 98.818, 332.565



38, 64.091, 9.579



35, 6.318, 327.677



35, 73.242, 332.430



2, 14.725, 328.621

Inverse Universe

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



41, 81.283, 332.454



53, 98.818, 332.565



64, 61.437, 153.963



35, 6.318, 327.677



35, 73.242, 332.430



2, 14.725, 328.621

Previews

White Background



This preview shows how the CIELCh color 41, 81.285, 332.454 looks on a white background.

Color Contrast Check

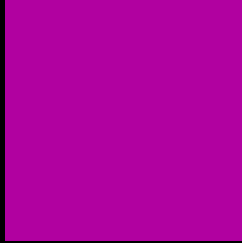
Large Text (above 18pt) WCAG AA ✓ Pass

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, 81.285, 332.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

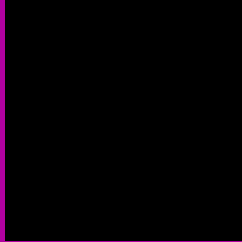
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 81.285, 332.454

Background



This preview shows how black text looks on a background with the CIELCh color 41, 81.285, 332.454.



This preview shows how white text looks on a background with the CIELCh color 41, 81.285, 332.454.

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, 81.401, 332.453

Protanopia

42, 64.598, 286.917

Deuteranopia

42, 31.267, 280.944



Tritanopia
42, 48.085, 25.275

Trichromacy



Original Color
41, 81.401, 332.453



Protanomaly
34, 76.637, 301.277



Deuteranomaly
37, 57.171, 313.129



Tritanomaly
40, 56.275, 356.768

Monochromacy



Original Color
41, 81.401, 332.453



Achromatopsia
31, 0.005, 296.813



Achromatomaly
30, 42.255, 330.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 81.285, 332.454 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(177, 1, 160)` looks like.

```
.text, #text, p{  
    color:rgb(177, 1, 160)  
}
```

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(177, 1, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 1, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 81.285, 332.454 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(177, 1, 160) }
```

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

```
.border{ border-color:rgb(177, 1, 160) }
```

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

Here you see how a box with a 4 pixel rgb(177, 1, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 1, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 1, 160);  
box-shadow:4px 4px 4px 4px rgb(177, 1,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 81.285, 332.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 1, 160) }
```

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

```
.background{ background-color: rgb(177, 1,  
160) }
```

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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