

Converting Colors

CIELCh(41, 75.191, 329.939)

Have a look what the booklet for
CIELCh(41, 75.191, 329.939)
contains.

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Color

CIELCh(41, 75.181, 329.831)

Conversions

Conversions Part 1

Format	Color
Hex	A722A0
RGB	167, 34, 160
RGB Percent	65%, 13%, 63%
CMY	0.3457, 0.8674, 0.3731
CMYK	0.00, 0.80, 0.04, 0.35
HSL	303°, 66%, 39%
HSV	303°, 80%, 65%
XYZ	22.8033, 11.8645, 34.2803
YIQ	88.1310, 38.8220, 67.3820

Conversions

Conversions Part 2

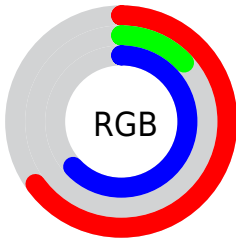
Format	Color
R_{YB}	167, 34, 160
Decimal	10953376
CIE _{Lab}	41.00, 65.00, -37.78
CIE _{LCh}	41, 75.181, 329.831
Yxy	11.8645, 0.3307, 0.1721
Android (android.graphics.Color)	4289143456 (0xFFA722A0)
YUV	88.1310, 35.4314, 69.1681
Hunter-Lab	34.4449, 57.8925, -34.8952

Details

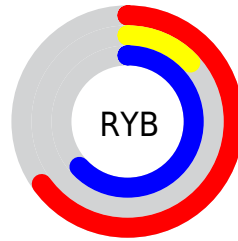
The CIELCh color **41, 75.181, 329.831** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **60, 77.980, 138.236**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 74.930, 329.814**, and **25, 61.351, 329.284** is the 20% darker color. If you saturate the color by 10%, you get **40, 78.794, 330.143**, and if you desaturate by 10%, it is **43, 69.503, 329.464**.

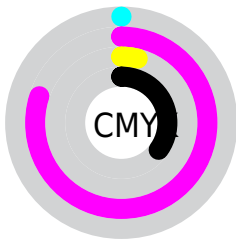
Distribution



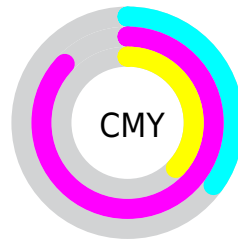
- Red (65%)
- Green (13%)
- Blue (63%)



- Red (65%)
- Yellow (13%)
- Blue (63%)



- Cyan (0%)
- Magenta (80%)
- Yellow (4%)
- Black (35%)





- Cyan (35%)
- Magenta (87%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 75.181, 329.831 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, 75.181, 329.831 by changing the saturation by 10% instead.


 41, 75.181,
329.831


 41, 75.181,
329.831


 100, 75.181,
329.831


 31, 75.181,
329.831

 61, 75.181,
329.831


 21, 75.181,
329.831

 71, 75.181,
329.831

 11, 75.181,
329.831


 81, 75.181,
329.831

 1, 75.181, 329.831

 91, 75.181,
329.831

 0, 75.181, 329.831

 41, 75.181,

 41, 75.181,

329.831

40, 78.794,
330.143

39, 80.704,
330.415

39, 80.750,
330.421

329.831

43, 69.503,
329.464

45, 61.997,
329.041

48, 53.045,
328.569

52, 43.076,
328.057

56, 32.481,
327.518

60, 21.578,
326.962

64, 10.605,
326.395

69, 0.273, 146.733

■ 73, 10.949,
145.353

Harmonies

Complementary

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



41, 75.181, 329.831



60, 77.980, 138.236

Rectangle

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



41, 75.181, 329.831



41, 75.181, 19.831



41, 75.181, 149.831



41, 75.181, 199.831

Sweetspot

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



41, 75.179, 329.831



74, 32.469, 327.224



25, 83.254, 304.103



37, 22.472, 327.415



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



41, 75.179, 329.831



51, 97.485, 330.359



38, 56.546, 358.702



33, 6.203, 326.369



34, 73.937, 330.399



2, 11.102, 326.470

Inverse Universe

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



41, 75.179, 329.831



51, 97.485, 330.359



61, 53.126, 156.262



33, 6.203, 326.369



34, 73.937, 330.399



2, 11.102, 326.470

Previews

White Background



This preview shows how the CIELCh color 41, 75.181, 329.831 looks on a white background.

Color Contrast Check

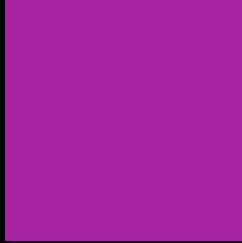
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.181, 329.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

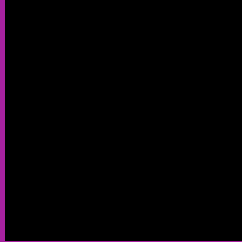
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 75.181, 329.831

Background



This preview shows how black text looks on a background with the CIELCh color 41, 75.181, 329.831.

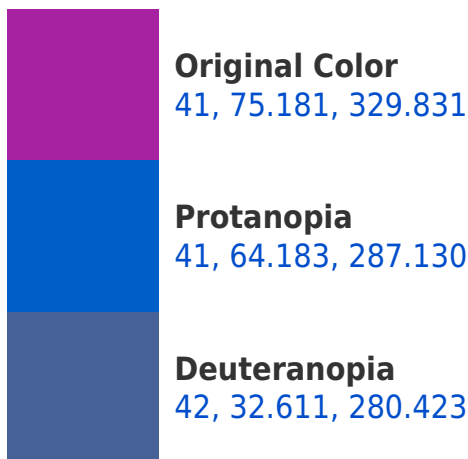


This preview shows how white text looks on a background with the CIELCh color 41, 75.181, 329.831.

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
41, 40.669, 23.094

Trichromacy



Original Color
41, 75.181, 329.831



Protanomaly
36, 69.162, 297.997



Deuteranomaly
39, 49.212, 308.345



Tritanomaly
40, 48.280, 353.713

Monochromacy



Original Color
41, 75.181, 329.831



Achromatopsia
37, 0.005, 296.813



Achromatomaly
36, 33.724, 328.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 75.181, 329.831 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(167, 34, 160)` looks like.

```
.text, #text, p{  
    color:rgb(167, 34, 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(167, 34, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 34, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 75.181, 329.831 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(167, 34, 160) }
```

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

```
.border{ border-color:rgb(167, 34, 160) }
```

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

Here you see how a box with a 4 pixel rgb(167, 34, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 34, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 34, 160);  
box-shadow:4px 4px 4px 4px rgb(167, 34,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 75.181, 329.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 34, 160) }
```

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

```
.background{ background-color: rgb(167, 34,  
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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