

Converting Colors

CIELCh(41, 73.691, 331.697)

Have a look what the booklet for
CIELCh(41, 73.691, 331.697)
contains.

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Color

CIELCh(41, 73.639, 331.825)

Conversions

Conversions Part 1

Format	Color
Hex	A9219B
RGB	169, 33, 155
RGB Percent	66%, 13%, 61%
CMY	0.3377, 0.8712, 0.3926
CMYK	0.00, 0.81, 0.08, 0.34
HSL	306°, 67%, 40%
HSV	306°, 81%, 66%
XYZ	22.7848, 11.8645, 32.0533
YIQ	87.5720, 41.8940, 66.7740

Conversions

Conversions Part 2

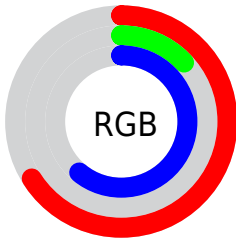
Format	Color
R _Y B	169, 33, 155
Decimal	11084187
CIE Lab	41.00, 64.91, -34.77
CIE LCh	41, 73.639, 331.825
Yxy	11.8645, 0.3416, 0.1779
Android (android.graphics.Color)	4289274267 (0xFFA9219B)
YUV	87.5720, 33.2420, 71.4124
Hunter-Lab	34.4449, 57.7966, -31.0618

Details

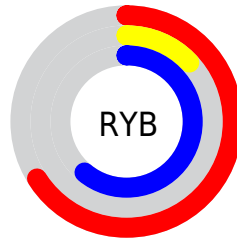
The CIELCh color **41, 73.639, 331.825** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **61, 77.172, 139.212**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 73.749, 331.679**, and **25, 59.327, 331.919** is the 20% darker color. If you saturate the color by 10%, you get **40, 76.843, 332.311**, and if you desaturate by 10%, it is **43, 68.338, 331.326**.

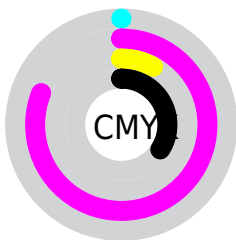
Distribution



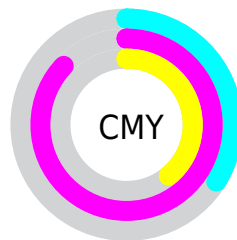
- Red (66%)
- Green (13%)
- Blue (61%)



- Red (66%)
- Yellow (13%)
- Blue (61%)



- Cyan (0%)
- Magenta (81%)
- Yellow (8%)
- Black (34%)





- Cyan (34%)
- Magenta (87%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 73.639, 331.825 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, 73.639, 331.825 by changing the saturation by 10% instead.


 41, 73.639,
331.825


 41, 73.639,
331.825


 100, 73.639,
331.825


 31, 73.639,
331.825

 61, 73.639,
331.825


 21, 73.639,
331.825

 71, 73.639,
331.825

 11, 73.639,
331.825

 81, 73.639,
331.825

 1, 73.639, 331.825

 91, 73.639,
331.825

 0, 73.639, 331.825

 41, 73.639,

 41, 73.639,

331.825

■ 40, 76.843,
332.311

■ 39, 78.341,
332.768

331.825

■ 43, 68.338,
331.326

■ 45, 61.175,
330.804

■ 49, 52.539,
330.257

■ 52, 42.865,
329.691

■ 56, 32.550,
329.111

■ 60, 21.917,
328.526

■ 64, 11.207,
327.936

■ 69, 0.584, 326.964

Harmonies

Complementary

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



41, 73.639, 331.825



61, 77.172, 139.212

Rectangle

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



41, 73.639, 331.825



41, 73.639, 21.825



41, 73.639, 151.825



41, 73.639, 201.825

Sweetspot

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



41, 73.637, 331.825



74, 31.671, 328.753



25, 84.509, 304.827



37, 21.715, 328.953



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, 73.637, 331.825



51, 94.725, 332.710



38, 56.839, 3.037



33, 5.992, 327.861



34, 71.125, 332.714



2, 10.593, 328.520

Inverse Universe

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



41, 73.637, 331.825



51, 94.725, 332.710



62, 51.317, 159.035



33, 5.992, 327.861



34, 71.125, 332.714



2, 10.593, 328.520

Previews

White Background



This preview shows how the CIELCh color 41, 73.639, 331.825 looks on a white background.

Color Contrast Check

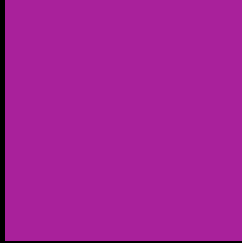
Large Text (above 18pt) WCAG AA ✓ Pass

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, 73.639, 331.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

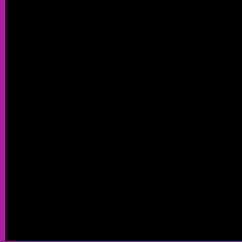
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 41, 73.639, 331.825

Background



This preview shows how black text looks on a background with the CIELCh color 41, 73.639, 331.825.

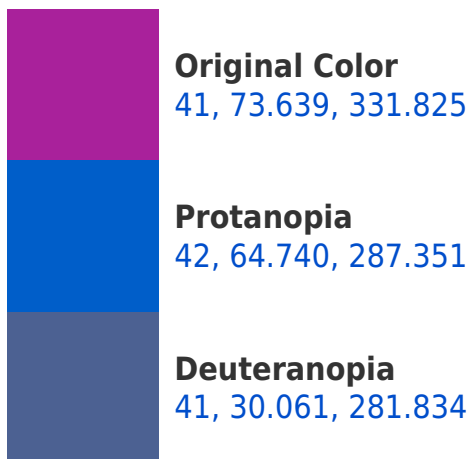


This preview shows how white text looks on a background with the CIELCh color 41, 73.639, 331.825.

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, 43.011, 23.799

Trichromacy



Original Color
41, 73.639, 331.825

Protanomaly
36, 68.593, 297.918

Deuteranomaly
39, 47.238, 310.942

Tritanomaly
41, 49.085, 356.532

Monochromacy



Original Color
41, 73.639, 331.825

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 33.489, 329.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 73.639, 331.825 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, 33, 155)` looks like.

```
.text, #text, p{  
    color:rgb(169, 33, 155)  
}
```

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, 33, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 33, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 73.639, 331.825 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, 33, 155) }
```

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

```
.border{ border-color:rgb(169, 33, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 33, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 33, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 33, 155); box-shadow:4px 4px 4px 4px rgb(169, 33, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 73.639, 331.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 33, 155) }
```

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

```
.background{ background-color: rgb(169, 33,  
155) }
```

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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