

Converting Colors

CIELCh(41, 73.572, 322.346)

Have a look what the booklet for
CIELCh(41, 73.572, 322.346)
contains.

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Color

CIELCh(41, 73.905, 322.236)

Conversions

Conversions Part 1

Format	Color
Hex	9732AC
RGB	151, 50, 172
RGB Percent	59%, 20%, 67%
CMY	0.4074, 0.8034, 0.3251
CMYK	0.12, 0.71, 0.00, 0.33
HSL	290°, 55%, 44%
HSV	290°, 71%, 67%
XYZ	21.3865, 11.8645, 40.2488
YIQ	94.1070, 21.0340, 59.3540

Conversions

Conversions Part 2

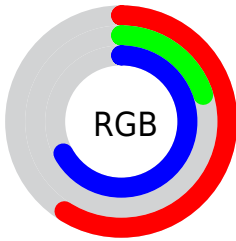
Format	Color
R_{YB}	151, 50, 172
Decimal	9908908
CIE _{Lab}	41.00, 58.42, -45.26
CIE _{LCh}	41, 73.905, 322.236
Yxy	11.8645, 0.2910, 0.1614
Android (android.graphics.Color)	4288098988 (0xFF9732AC)
YUV	94.1070, 38.4012, 49.8952
Hunter-Lab	34.4449, 50.5502, -45.1688

Details

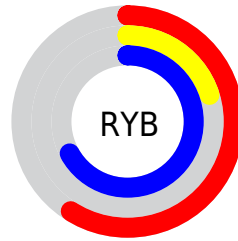
The CIELCh color **41, 73.905, 322.236** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **63, 73.097, 135.264**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 74.024, 322.215**, and **23, 66.908, 321.198** is the 20% darker color. If you saturate the color by 10%, you get **39, 80.480, 322.237**, and if you desaturate by 10%, it is **44, 65.530, 322.075**.

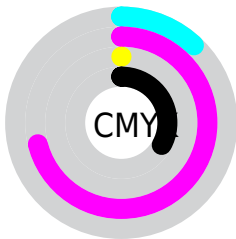
Distribution



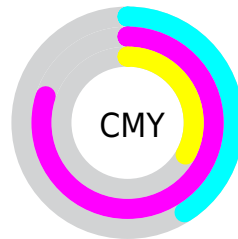
- Red (59%)
- Green (20%)
- Blue (67%)



- Red (59%)
- Yellow (20%)
- Blue (67%)



- Cyan (12%)
- Magenta (71%)
- Yellow (0%)
- Black (33%)





- Cyan (41%)
- Magenta (80%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 73.905, 322.236 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, 73.905, 322.236 by changing the saturation by 10% instead.


 41, 73.905,
322.236


 41, 73.905,
322.236


 100, 73.905,
322.236


 31, 73.905,
322.236

 61, 73.905,
322.236


 21, 73.905,
322.236

 71, 73.905,
322.236

 11, 73.905,
322.236

 81, 73.905,
322.236

 1, 73.905, 322.236

 91, 73.905,
322.236

 0, 73.905, 322.236

 41, 73.905,

 41, 73.905,

322.236

■ 39, 80.480,
322.237

■ 37, 84.894,
322.043

■ 36, 87.362,
321.727

322.236

■ 44, 65.530,
322.075

■ 48, 55.841,
321.793

■ 52, 45.303,
321.427

■ 56, 34.301,
321.010

■ 61, 23.123,
320.564

■ 65, 11.967,
320.106

■ 70, 0.963, 319.478

■ 75, 9.810, 139.269

■ 80, 20.307,
138.851

Harmonies

Complementary

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



41, 73.905, 322.236



63, 73.097, 135.264

Rectangle

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



41, 73.905, 322.236



41, 73.905, 12.236



41, 73.905, 142.236



41, 73.905, 192.236

Sweetspot

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



41, 73.903, 322.236



77, 28.867, 320.587



35, 61.646, 294.899



39, 19.536, 320.707



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, 73.903, 322.236



49, 101.484, 322.153



42, 60.436, 341.201



34, 6.258, 320.033



31, 79.110, 321.793



2, 12.883, 317.675

Inverse Universe

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



40, 53.265, 18.061



49, 77.024, 24.585



62, 61.474, 147.182



34, 3.911, 6.169



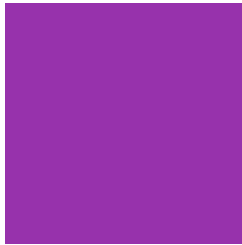
31, 63.304, 30.540



2, 7.984, 7.896

Previews

White Background



This preview shows how the CIELCh color 41, 73.905, 322.236 looks on a white background.

Color Contrast Check

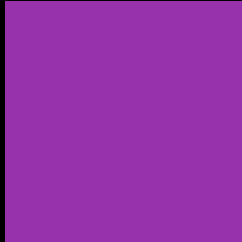
Large Text (above 18pt) WCAG AA ✓ Pass

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, 73.905, 322.236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

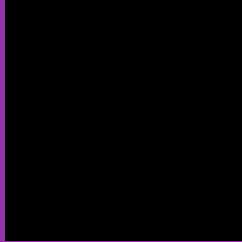
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 73.905, 322.236

Background



This preview shows how black text looks on a background with the CIELCh color 41, 73.905, 322.236.

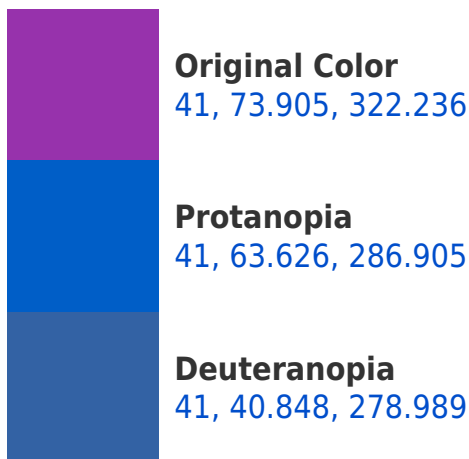


This preview shows how white text looks on a background with the CIELCh color 41, 73.905, 322.236.

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, 26.950, 17.350

Trichromacy



Original Color
41, 73.905, 322.236

Protanomaly
38, 67.630, 295.584

Deuteranomaly
39, 52.465, 299.353

Tritanomaly
40, 40.033, 341.190

Monochromacy



Original Color
41, 73.905, 322.236

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 30.319, 321.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 73.905, 322.236 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(151, 50, 172)` looks like.

```
.text, #text, p{  
    color:rgb(151, 50, 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(151, 50, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 50, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 73.905, 322.236 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(151, 50, 172) }
```

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

```
.border{ border-color:rgb(151, 50, 172) }
```

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

Here you see how a box with a 4 pixel rgb(151, 50, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 50, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 50, 172);  
box-shadow:4px 4px 4px 4px rgb(151, 50,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 73.905, 322.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 50, 172) }
```

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

```
.background{ background-color: rgb(151, 50,  
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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