

Converting Colors

CIELCh(41, 70.850, 329.565)

Have a look what the booklet for
CIELCh(41, 70.850, 329.565)
contains.

CIELCh(41, 71.131, 329.526)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 71.131, 329.526)

Conversions

Conversions Part 1

Format	Color
Hex	A32A9D
RGB	163, 42, 157
RGB Percent	64%, 16%, 62%
CMY	0.3610, 0.8355, 0.3845
CMYK	0.00, 0.74, 0.04, 0.36
HSL	303°, 59%, 40%
HSV	303°, 74%, 64%
XYZ	21.9999, 11.8645, 33.0051
YIQ	91.2890, 35.2010, 61.4170

Conversions

Conversions Part 2

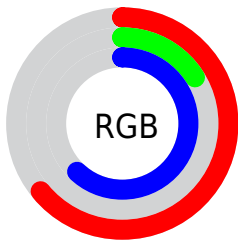
Format	Color
RYB	163, 42, 157
Decimal	10693277
CIELab	41.00, 61.30, -36.07
CIELCh	41, 71.131, 329.526
Yxy	11.8645, 0.3290, 0.1774
Android (android.graphics.Color)	4288883357 (0xFFA32A9D)
YUV	91.2890, 32.3955, 62.8905
Hunter-Lab	34.4449, 53.7289, -32.7001

Details

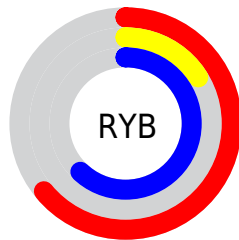
The CIELCh color $41, 71.131, 329.526$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $59, 73.160, 138.832$, and the grayscale version is $39, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 71.247, 329.574$, and $24, 60.153, 328.951$ is the 20% darker color. If you saturate the color by 10%, you get $39, 75.842, 329.860$, and if you desaturate by 10%, it is $43, 64.499, 329.134$.

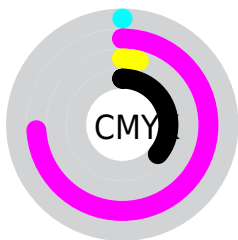
Distribution



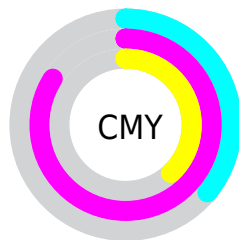
- Red (64%)
- Green (16%)
- Blue (62%)



- Red (64%)
- Yellow (16%)
- Blue (62%)



- Cyan (0%)
- Magenta (74%)
- Yellow (4%)
- Black (36%)





- Cyan (36%)
- Magenta (84%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 71.131, 329.526 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, 71.131, 329.526 by changing the saturation by 10% instead.


 41, 71.131,
329.526


 41, 71.131,
329.526


 100, 71.131,
329.526


 31, 71.131,
329.526

 61, 71.131,
329.526


 21, 71.131,
329.526


 71, 71.131,
329.526

 11, 71.131,
329.526


 81, 71.131,
329.526

 1, 71.131, 329.526

 91, 71.131,
329.526

 0, 71.131, 329.526

 41, 71.131,

 41, 71.131,

329.526

■ 39, 75.842,
329.860

■ 38, 78.517,
330.139

■ 38, 79.543,
330.286

329.526

■ 43, 64.499,
329.134

■ 46, 56.276,
328.688

■ 49, 46.870,
328.197

■ 53, 36.687,
327.672

■ 57, 26.073,
327.125

■ 61, 15.295,
326.566

■ 65, 4.545, 325.979

■ 70, 6.048, 145.527

■ 74, 16.404,
144.977

Harmonies

Complementary

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



41, 71.131, 329.526



59, 73.160, 138.832

Rectangle

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



41, 71.131, 329.526



41, 71.131, 19.526



41, 71.131, 149.526



41, 71.131, 199.526

Sweetspot

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



41, 71.129, 329.526



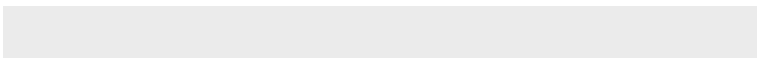
73, 29.253, 327.022



26, 76.331, 302.892



37, 19.812, 327.164



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



41, 71.129, 329.526



51, 94.482, 330.044



38, 53.486, 355.837



32, 6.059, 326.282



34, 73.177, 330.266



2, 9.280, 326.244

Inverse Universe

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



41, 71.129, 329.526



51, 94.482, 330.044



60, 50.351, 156.406



32, 6.059, 326.282



34, 73.177, 330.266



2, 9.280, 326.244

Previews

White Background



This preview shows how the CIELCh color 41, 71.131, 329.526 looks on a white background.

Color Contrast Check

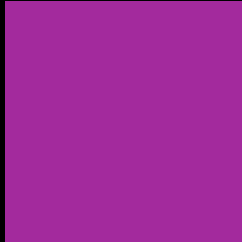
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.131, 329.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

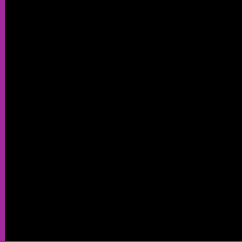
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 71.131, 329.526

Background



This preview shows how black text looks on a background with the CIELCh color 41, 71.131, 329.526.

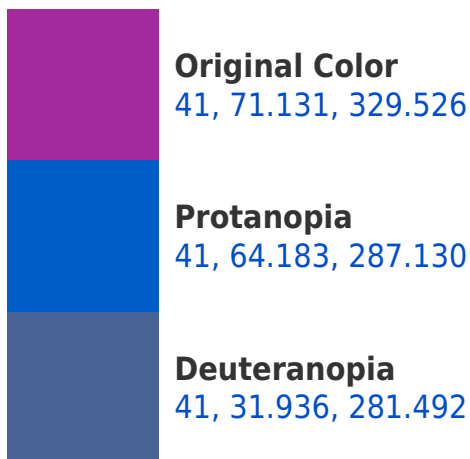


This preview shows how white text looks on a background with the CIELCh color 41, 71.131, 329.526.

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, 37.746, 21.377

Trichromacy



Original Color
41, 71.131, 329.526

Protanomaly
37, 66.666, 296.650

Deuteranomaly
39, 46.738, 308.031

Tritanomaly
40, 45.245, 353.179

Monochromacy



Original Color
41, 71.131, 329.526

Achromatopsia
39, 0.005, 296.813

Achromatomaly
37, 30.738, 327.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 71.131, 329.526 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(163, 42, 157)` looks like.

```
.text, #text, p{  
    color:rgb(163, 42, 157)  
}
```

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(163, 42, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 42, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 71.131, 329.526 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(163, 42, 157) }
```

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

```
.border{ border-color:rgb(163, 42, 157) }
```

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

Here you see how a box with a 4 pixel rgb(163, 42, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 42, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 42, 157);  
box-shadow:4px 4px 4px 4px rgb(163, 42,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 71.131, 329.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 42, 157) }
```

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

```
.background{ background-color: rgb(163, 42,  
157) }
```

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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