

Converting Colors

CIELCh(41, 74.707, 325.670)

Have a look what the booklet for
CIELCh(41, 74.707, 325.670)
contains.

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Color

CIELCh(41, 74.746, 325.737)

Conversions

Conversions Part 1

Format	Color
Hex	9F2BA7
RGB	159, 43, 167
RGB Percent	62%, 17%, 65%
CMY	0.3769, 0.8318, 0.3455
CMYK	0.05, 0.74, 0.00, 0.35
HSL	296°, 59%, 41%
HSV	296°, 74%, 65%
XYZ	22.1010, 11.8645, 37.6335
YIQ	91.8200, 29.3320, 63.1560

Conversions

Conversions Part 2

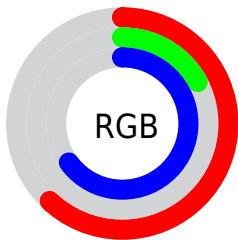
Format	Color
R_{YB}	159, 43, 167
Decimal	10431399
CIE _{Lab}	41.00, 61.77, -42.08
CIE _{LCh}	41, 74.746, 325.737
Y _{xy}	11.8645, 0.3087, 0.1657
Android (android.graphics.Color)	4288621479 (0xFF9F2BA7)
YUV	91.8200, 37.0637, 58.9169
Hunter-Lab	34.4449, 54.2531, -40.6671

Details

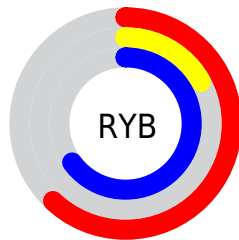
The CIELCh color $41, 74.746, 325.737$ is a dark color, and the websafe version is hex 990099 . A complement of this color would be $60, 75.617, 136.914$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 74.785, 325.740$, and $24, 64.186, 324.642$ is the 20% darker color. If you saturate the color by 10%, you get $39, 80.019, 325.826$, and if you desaturate by 10%, it is $43, 67.523, 325.527$.

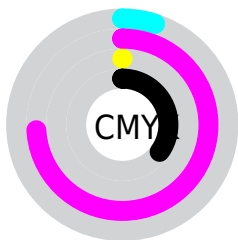
Distribution



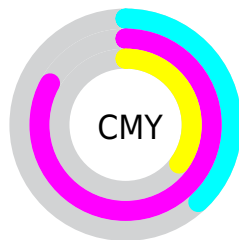
- Red (62%)
- Green (17%)
- Blue (65%)



- Red (62%)
- Yellow (17%)
- Blue (65%)



- Cyan (5%)
- Magenta (74%)
- Yellow (0%)
- Black (35%)




- Cyan (38%)
- Magenta (83%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 74.746, 325.737 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, 74.746, 325.737 by changing the saturation by 10% instead.


 41, 74.746,
325.737


 41, 74.746,
325.737


 100, 74.746,
325.737


 31, 74.746,
325.737

 61, 74.746,
325.737


 21, 74.746,
325.737

 71, 74.746,
325.737

 11, 74.746,
325.737


 81, 74.746,
325.737

 1, 74.746, 325.737

 91, 74.746,
325.737

 0, 74.746, 325.737

 41, 74.746,

 41, 74.746,

325.737

■ 39, 80.019,
325.826

■ 38, 83.181,
325.784

■ 38, 84.444,
325.728

325.737

■ 43, 67.523,
325.527

■ 46, 58.721,
325.216

■ 50, 48.778,
324.826

■ 54, 38.107,
324.381

■ 58, 27.053,
323.900

■ 62, 15.873,
323.399

■ 67, 4.750, 322.870

■ 71, 6.197, 142.459

■ 76, 16.894,
141.963

Harmonies

Complementary

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



41, 74.746, 325.737



60, 75.617, 136.914

Rectangle

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



41, 74.746, 325.737



41, 74.746, 15.737



41, 74.746, 145.737



41, 74.746, 195.737

Sweetspot

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



41, 74.744, 325.737



75, 30.280, 323.806



29, 72.909, 300.456



38, 20.515, 323.934



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, 74.744, 325.737



50, 99.939, 325.815



40, 56.868, 348.805



33, 6.303, 323.142



33, 77.269, 325.752



2, 11.346, 322.010

Inverse Universe

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



38, 56.699, 27.230



46, 82.796, 33.794



61, 56.371, 151.408



33, 3.732, 14.683



30, 66.763, 36.727



1, 6.601, 14.792

Previews

White Background



This preview shows how the CIELCh color 41, 74.746, 325.737 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, 74.746, 325.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

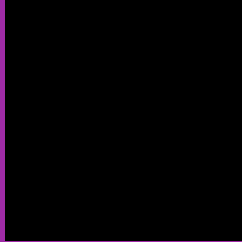
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 74.746, 325.737

Background



This preview shows how black text looks on a background with the CIELCh color 41, 74.746, 325.737.

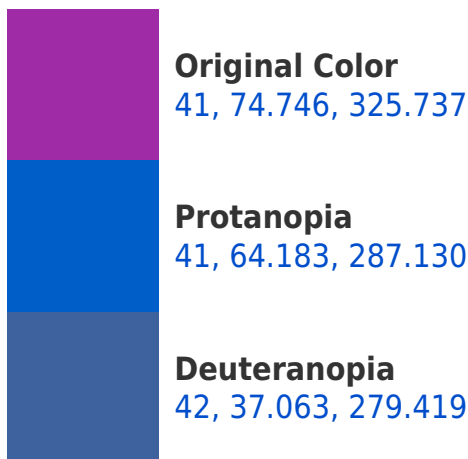


This preview shows how white text looks on a background with the CIELCh color 41, 74.746, 325.737.

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, 33.492, 19.880

Trichromacy



Original Color
41, 74.746, 325.737

Protanomaly
37, 68.967, 296.883

Deuteranomaly
39, 51.014, 303.622

Tritanomaly
40, 44.203, 347.444

Monochromacy



Original Color
41, 74.746, 325.737

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 31.789, 324.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 74.746, 325.737 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(159, 43, 167)` looks like.

```
.text, #text, p{  
    color:rgb(159, 43, 167)  
}
```

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(159, 43, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 43, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 74.746, 325.737 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(159, 43, 167) }
```

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

```
.border{ border-color:rgb(159, 43, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 43, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 43, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 43, 167); box-shadow:4px 4px 4px 4px rgb(159, 43, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 74.746, 325.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 43, 167) }
```

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

```
.background{ background-color: rgb(159, 43,  
167) }
```

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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