

Converting Colors

CIELCh(41, 73.448, 325.424)

Have a look what the booklet for
CIELCh(41, 73.448, 325.424)
contains.

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Color

CIELCh(41, 73.487, 325.394)

Conversions

Conversions Part 1

Format	Color
Hex	9D2DA6
RGB	157, 45, 166
RGB Percent	62%, 18%, 65%
CMY	0.3831, 0.8222, 0.3479
CMYK	0.05, 0.73, 0.00, 0.35
HSL	296°, 57%, 41%
HSV	296°, 73%, 65%
XYZ	21.8242, 11.8645, 37.3559
YIQ	92.2820, 27.9110, 61.3750

Conversions

Conversions Part 2

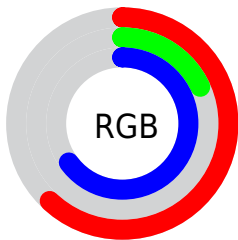
Format	Color
RYB	157, 45, 166
Decimal	10300838
CIELab	41.00, 60.49, -41.74
CIElCh	41, 73.487, 325.394
Yxy	11.8645, 0.3072, 0.1670
Android (android.graphics.Color)	4288490918 (0xFF9D2DA6)
YUV	92.2820, 36.3430, 56.7577
Hunter-Lab	34.4449, 52.8183, -40.1893

Details

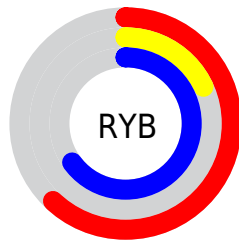
The CIELCh color $41, 73.487, 325.394$ is a dark color, and the websafe version is hex 990099 . A complement of this color would be $60, 74.141, 136.892$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 73.647, 325.435$, and $24, 63.789, 324.614$ is the 20% darker color. If you saturate the color by 10%, you get $39, 79.112, 325.488$, and if you desaturate by 10%, it is $44, 65.973, 325.178$.

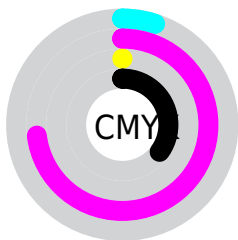
Distribution



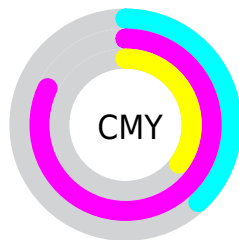
- Red (62%)
- Green (18%)
- Blue (65%)



- Red (62%)
- Yellow (18%)
- Blue (65%)



- Cyan (5%)
- Magenta (73%)
- Yellow (0%)
- Black (35%)





- Cyan (38%)
- Magenta (82%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 73.487, 325.394 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, 73.487, 325.394 by changing the saturation by 10% instead.


 41, 73.487,
325.394


 41, 73.487,
325.394


 100, 73.487,
325.394


 31, 73.487,
325.394

 61, 73.487,
325.394


 21, 73.487,
325.394

 71, 73.487,
325.394

 11, 73.487,
325.394


 81, 73.487,
325.394

 1, 73.487, 325.394

 91, 73.487,
325.394

 0, 73.487, 325.394

 41, 73.487,

 41, 73.487,

325.394

325.394

■ 39, 79.112,
325.488

■ 44, 65.973,
325.178

■ 38, 82.635,
325.445

■ 47, 56.966,
324.860

■ 37, 84.281,
325.356

■ 50, 46.905,
324.466

■ 54, 36.193,
324.019

■ 58, 25.156,
323.540

■ 63, 14.035,
323.042

■ 67, 2.997, 322.496

■ 72, 7.848, 142.110

■ 76, 18.436,
141.630

Harmonies

Complementary

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



41, 73.487, 325.394



60, 74.141, 136.892

Rectangle

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



41, 73.487, 325.394



41, 73.487, 15.394



41, 73.487, 145.394



41, 73.487, 195.394

Sweetspot

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



41, 73.485, 325.394



75, 30.198, 323.524



30, 69.733, 299.486



38, 20.461, 323.650



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, 73.485, 325.394



50, 99.208, 325.480



40, 56.452, 347.410



33, 6.284, 322.867



33, 77.327, 325.383



2, 11.300, 321.642

Inverse Universe

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



38, 55.071, 25.966



47, 80.748, 32.339



61, 56.111, 150.949



33, 3.736, 13.895



30, 66.427, 36.306



1, 6.609, 14.097

Previews

White Background



This preview shows how the CIELCh color 41, 73.487, 325.394 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, 73.487, 325.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

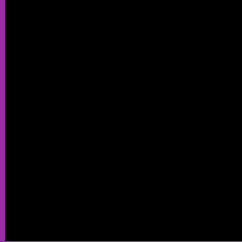
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 73.487, 325.394

Background



This preview shows how black text looks on a background with the CIELCh color 41, 73.487, 325.394.

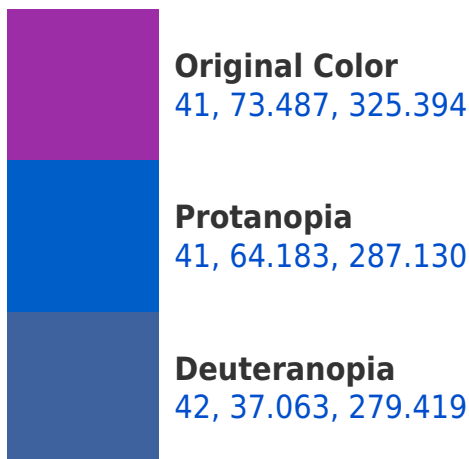


This preview shows how white text looks on a background with the CIELCh color 41, 73.487, 325.394.

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, 32.094, 19.378

Trichromacy



Original Color
41, 73.487, 325.394

Protanomaly
37, 68.332, 296.421

Deuteranomaly
39, 50.335, 302.944

Tritanomaly
40, 42.597, 347.030

Monochromacy



Original Color
41, 73.487, 325.394

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 30.880, 323.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 73.487, 325.394 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(157, 45, 166)` looks like.

```
.text, #text, p{  
    color:rgb(157, 45, 166)  
}
```

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(157, 45, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 45, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 73.487, 325.394 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(157, 45, 166) }
```

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

```
.border{ border-color:rgb(157, 45, 166) }
```

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

Here you see how a box with a 4 pixel rgb(157, 45, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 45, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 45, 166);  
box-shadow:4px 4px 4px 4px rgb(157, 45,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 73.487, 325.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 45, 166) }
```

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

```
.background{ background-color: rgb(157, 45,  
166) }
```

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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