

Converting Colors

CIELCh(41, 77.317, 320.712)

Have a look what the booklet for
CIELCh(41, 77.317, 320.712)
contains.

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Color

CIELCh(41, 77.071, 320.827)

Conversions

Conversions Part 1

Format	Color
Hex	9631B2
RGB	150, 49, 178
RGB Percent	59%, 19%, 70%
CMY	0.4123, 0.8084, 0.3025
CMYK	0.16, 0.73, 0.00, 0.30
HSL	287°, 57%, 44%
HSV	287°, 73%, 70%
XYZ	21.6670, 11.8645, 43.1974
YIQ	93.9050, 18.7870, 61.5310

Conversions

Conversions Part 2

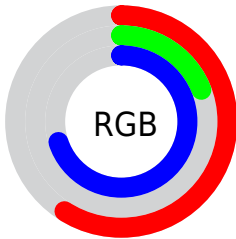
Format	Color
R_{YB}	150, 49, 178
Decimal	9843122
CIE _{Lab}	41.00, 59.75, -48.68
CIE _{LCh}	41, 77.071, 320.827
Yxy	11.8645, 0.2824, 0.1546
Android (android.graphics.Color)	4288033202 (0xFF9631B2)
YUV	93.9050, 41.4588, 49.1953
Hunter-Lab	34.4449, 52.0039, -50.2441

Details

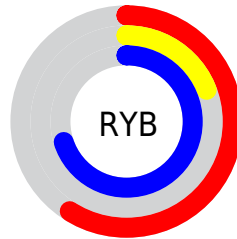
The CIELCh color **41, 77.071, 320.827** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **65, 75.474, 134.250**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 76.643, 320.802**, and **23, 69.324, 319.801** is the 20% darker color. If you saturate the color by 10%, you get **38, 83.674, 320.759**, and if you desaturate by 10%, it is **44, 68.574, 320.710**.

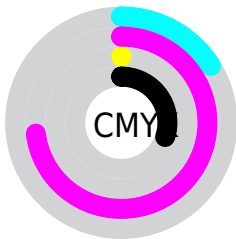
Distribution



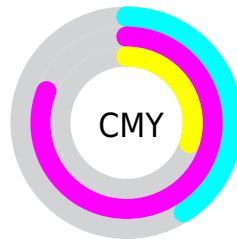
- Red (59%)
- Green (19%)
- Blue (70%)



- Red (59%)
- Yellow (19%)
- Blue (70%)



- Cyan (16%)
- Magenta (73%)
- Yellow (0%)
- Black (30%)





- Cyan (41%)
- Magenta (81%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 77.071, 320.827 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, 77.071, 320.827 by changing the saturation by 10% instead.


 41, 77.071,
320.827


 41, 77.071,
320.827


 100, 77.071,
320.827


 31, 77.071,
320.827

 61, 77.071,
320.827


 21, 77.071,
320.827

 71, 77.071,
320.827

 11, 77.071,
320.827

 81, 77.071,
320.827

 1, 77.071, 320.827

 91, 77.071,
320.827

 0, 77.071, 320.827

 41, 77.071,

 41, 77.071,

320.827

■ 38, 83.674,
320.759

■ 36, 88.002,
320.463

■ 35, 90.098,
320.131

320.827

■ 44, 68.574,
320.710

■ 48, 58.706,
320.456

■ 52, 47.962,
320.109

■ 57, 36.748,
319.705

■ 61, 25.361,
319.271

■ 66, 14.003,
318.826

■ 71, 2.806, 318.340

■ 76, 8.154, 138.014

■ 81, 18.833,
137.609

Harmonies

Complementary

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



41, 77.071, 320.827



65, 75.474, 134.250

Rectangle

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



41, 77.071, 320.827



41, 77.071, 10.827



41, 77.071, 140.827



41, 77.071, 190.827

Sweetspot

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



41, 77.070, 320.827



79, 30.738, 319.264



37, 60.719, 292.929



40, 20.849, 319.382



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



41, 77.070, 320.827



49, 105.602, 320.611



44, 64.924, 338.765



35, 6.330, 318.681



30, 80.598, 320.219



2, 14.841, 315.611

Inverse Universe

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



41, 55.262, 15.184



50, 78.772, 22.090



64, 66.838, 145.094



35, 4.069, 2.757



32, 62.327, 27.247



2, 9.453, 5.747

Previews

White Background



This preview shows how the CIELCh color 41, 77.071, 320.827 looks on a white background.

Color Contrast Check

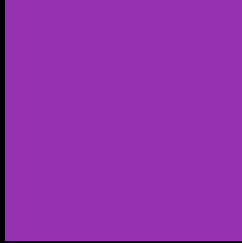
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.071, 320.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

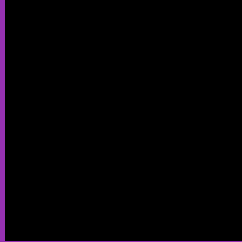
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 77.071, 320.827

Background



This preview shows how black text looks on a background with the CIELCh color 41, 77.071, 320.827.

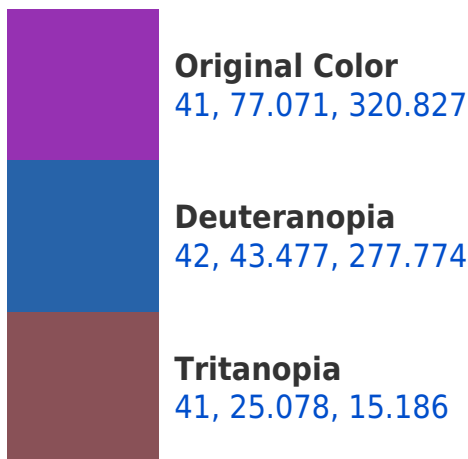


This preview shows how white text looks on a background with the CIELCh color 41, 77.071, 320.827.

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



Trichromacy



Original Color
41, 77.071, 320.827

Deuteranomaly
39, 55.444, 297.414

Tritanomaly
40, 40.613, 338.242

Monochromacy



Original Color
41, 77.071, 320.827

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 31.207, 319.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 77.071, 320.827 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(150, 49, 178)` looks like.

```
.text, #text, p{  
    color:rgb(150, 49, 178)  
}
```

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(150, 49, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 49, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 77.071, 320.827 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(150, 49, 178) }
```

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

```
.border{ border-color:rgb(150, 49, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 49, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 49, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 49, 178);  
box-shadow:4px 4px 4px 4px rgb(150, 49,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 77.071, 320.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 49, 178) }
```

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

```
.background{ background-color: rgb(150, 49,  
178) }
```

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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