

Converting Colors

CIELCh(41, 117.458, 313.554)

Have a look what the booklet for
CIELCh(41, 117.458, 313.554)
contains.

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Color

CIELCh(41, 117.557, 313.562)

Conversions

Conversions Part 1

Format	Color
Hex	8B02F1
RGB	139, 2, 241
RGB Percent	55%, 1%, 95%
CMY	0.4553, 0.9931, 0.0552
CMYK	0.42, 0.99, 0.00, 0.06
HSL	274°, 99%, 48%
HSV	274°, 99%, 94%
XYZ	26.5147, 11.8645, 84.0431
YIQ	70.2090, 4.9330, 103.3730

Conversions

Conversions Part 2

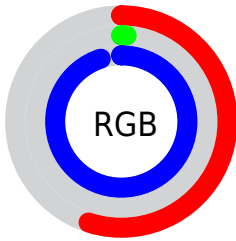
Format	Color
R_{YB}	139, 2, 241
Decimal	9110257
CIE _{Lab}	41.00, 81.01, -85.19
CIE _{LCh}	41, 117.557, 313.562
Yxy	11.8645, 0.2166, 0.0969
Android (android.graphics.Color)	4287300337 (0xFF8B02F1)
YUV	70.2090, 84.2000, 60.3297
Hunter-Lab	34.4449, 77.1255, -120.5518

Details

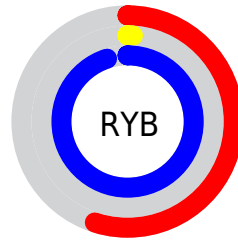
The CIELCh color **41, 117.557, 313.562** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **85, 106.956, 130.452**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 96.654, 317.753**, and **26, 99.234, 309.952** is the 20% darker color. If you saturate the color by 10%, you get **41, 117.836, 313.512**, and if you desaturate by 10%, it is **43, 113.097, 314.224**.

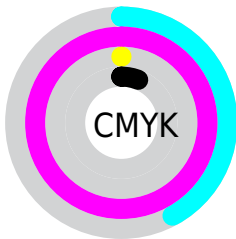
Distribution



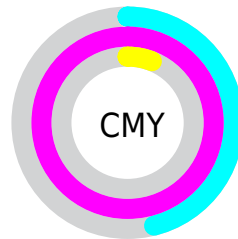
- Red (55%)
- Green (1%)
- Blue (95%)



- Red (55%)
- Yellow (1%)
- Blue (95%)



- Cyan (42%)
- Magenta (99%)
- Yellow (0%)
- Black (6%)





- Cyan (46%)
- Magenta (99%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 117.557, 313.562 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, 117.557, 313.562 by changing the saturation by 10% instead.


 41, 117.557,
313.562


 41, 117.557,
313.562


 100, 117.557,
313.562


 31, 117.557,
313.562


 61, 117.557,
313.562


 21, 117.557,
313.562


 71, 117.557,
313.562


 11, 117.557,
313.562


 81, 117.557,
313.562

 1, 117.557,
313.562

 91, 117.557,
313.562


 0, 117.557,
313.562


 41, 117.557,


 41, 117.557,

313.562

313.562

 41, 117.836,
313.512

 43, 113.097,
314.224


 47, 105.466,
314.523


 52, 94.986,
314.498

 57, 82.534,
314.249

 63, 68.930,
313.862

 69, 54.791,
313.404

 75, 40.530,
312.920

 82, 26.399,
312.439

■ 89, 12.544,
311.976

Harmonies

Complementary

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



41, 117.557, 313.562



85, 106.956, 130.452

Rectangle

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



41, 117.557, 313.562



41, 117.557, 3.562



41, 117.557, 133.562



41, 117.557, 183.562

Sweetspot

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



41, 117.557, 313.563



79, 43.528, 312.960



48, 79.524, 290.388



39, 29.803, 313.165



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



41, 117.557, 313.563



43, 123.052, 313.478



56, 104.881, 331.104



47, 7.657, 311.985



31, 95.969, 313.703



5, 39.885, 314.425

Inverse Universe

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



52, 80.882, 9.671



54, 84.616, 10.199



83, 113.401, 136.462



47, 5.784, 348.611



39, 66.033, 9.068



8, 28.937, 1.389

Previews

White Background



This preview shows how the CIELCh color 41, 117.557, 313.562 looks on a white background.

Color Contrast Check

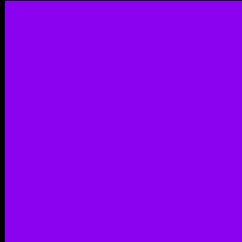
Large Text (above 18pt) WCAG AA ✓ Pass

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, 117.557, 313.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

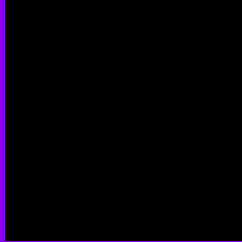
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 117.557, 313.562

Background



This preview shows how black text looks on a background with the CIELCh color 41, 117.557, 313.562.



This preview shows how white text looks on a background with the CIELCh color 41, 117.557, 313.562.

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



Original Color


41, 117.557, 313.562

Protanopia

42, 63.000, 286.452

Deuteranopia

42, 44.300, 273.309



Tritanopia
41, 7.242, 344.651

Trichromacy



Original Color
41, 117.557, 313.562

Protanomaly
36, 92.209, 301.385

Deuteranomaly
35, 80.062, 299.541

Tritanomaly
37, 58.165, 316.281

Monochromacy



Original Color
41, 117.557, 313.562

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 55.971, 314.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 117.557, 313.562 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(139, 2, 241)` looks like.

```
.text, #text, p{  
    color:rgb(139, 2, 241)  
}
```

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(139, 2, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 2, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 117.557, 313.562 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(139, 2, 241) }
```

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

```
.border{ border-color:rgb(139, 2, 241) }
```

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

Here you see how a box with a 4 pixel rgb(139, 2, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 2, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 2, 241);  
box-shadow:4px 4px 4px 4px rgb(139, 2,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 117.557, 313.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 2, 241) }
```

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

```
.background{ background-color: rgb(139, 2,  
241) }
```

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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