

Converting Colors

CIELCh(41, 108.367, 314.210)

Have a look what the booklet for
CIELCh(41, 108.367, 314.210)
contains.

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Color

CIELCh(41, 108.446, 314.229)

Conversions

Conversions Part 1

Format	Color
Hex	8D18E4
RGB	141, 24, 228
RGB Percent	55%, 9%, 89%
CMY	0.4480, 0.9075, 0.1068
CMYK	0.38, 0.90, 0.00, 0.11
HSL	274°, 81%, 49%
HSV	274°, 90%, 89%
XYZ	25.2289, 11.8645, 74.1801
YIQ	82.2390, 4.2480, 88.2480

Conversions

Conversions Part 2

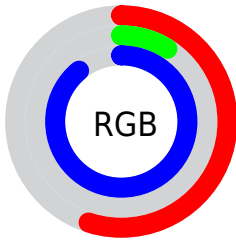
Format	Color
R_{YB}	141, 24, 228
Decimal	9246948
CIE _{Lab}	41.00, 75.64, -77.71
CIE _{LCh}	41, 108.446, 314.229
Yxy	11.8645, 0.2267, 0.1066
Android (android.graphics.Color)	4287437028 (0xFF8D18E4)
YUV	82.2390, 71.8602, 51.5334
Hunter-Lab	34.4449, 70.4620, -103.5746

Details

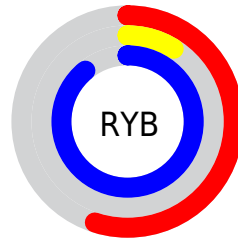
The CIELCh color **41, 108.446, 314.229** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **81, 98.657, 129.456**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 93.792, 317.373**, and **26, 93.189, 311.131** is the 20% darker color. If you saturate the color by 10%, you get **39, 112.765, 313.581**, and if you desaturate by 10%, it is **44, 101.189, 314.531**.

Distribution



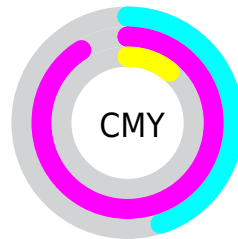
- Red (55%)
- Green (9%)
- Blue (89%)



- Red (55%)
- Yellow (9%)
- Blue (89%)



- Cyan (38%)
- Magenta (90%)
- Yellow (0%)
- Black (11%)





- Cyan (45%)
- Magenta (91%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 108.446, 314.229 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, 108.446, 314.229 by changing the saturation by 10% instead.


 41, 108.446,
314.229


 41, 108.446,
314.229


 100, 108.446,
314.229


 31, 108.446,
314.229


 61, 108.446,
314.229


 21, 108.446,
314.229


 71, 108.446,
314.229

 11, 108.446,
314.229


 81, 108.446,
314.229

 1, 108.446,
314.229

 91, 108.446,
314.229

 0, 108.446,
314.229

 41, 108.446,

 41, 108.446,

314.229

314.229

■ 39, 112.765,
313.581

■ 44, 101.189,
314.531

■ 39, 112.903,
313.557

■ 49, 91.210,
314.511

■ 54, 79.339,
314.266

■ 59, 66.357,
313.882

■ 65, 52.855,
313.427

■ 72, 39.228,
312.945

■ 78, 25.720,
312.466

■ 84, 12.472,
312.004

Harmonies

Complementary

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



41, 108.446, 314.229



81, 98.657, 129.456

Rectangle

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



41, 108.446, 314.229



41, 108.446, 4.229



41, 108.446, 134.229



41, 108.446, 184.229

Sweetspot

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



41, 108.446, 314.229



81, 39.064, 312.826



49, 68.140, 286.235



41, 26.409, 312.992



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, 108.446, 314.229



43, 123.042, 313.487



54, 98.895, 330.778



45, 7.389, 311.996



30, 93.958, 313.735



5, 36.073, 313.668

Inverse Universe

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



50, 75.447, 5.002



54, 84.620, 10.235



79, 105.069, 137.239



45, 5.580, 348.628



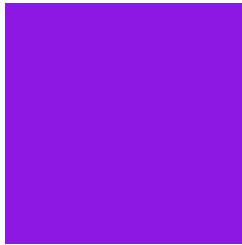
38, 64.662, 8.991



7, 27.042, 0.463

Previews

White Background



This preview shows how the CIELCh color 41, 108.446, 314.229 looks on a white background.

Color Contrast Check

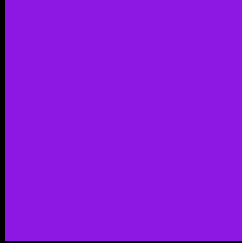
Large Text (above 18pt) WCAG AA ✓ Pass

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, 108.446, 314.229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

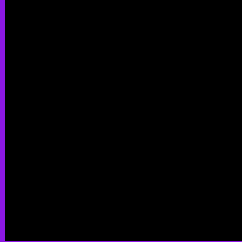
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 108.446, 314.229

Background



This preview shows how black text looks on a background with the CIELCh color 41, 108.446, 314.229.



This preview shows how white text looks on a background with the CIELCh color 41, 108.446, 314.229.

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, 108.446, 314.229

Protanopia

41, 63.069, 286.675

Deuteranopia

41, 44.307, 273.607



Tritanopia
41, 10.644, 357.579

Trichromacy



Original Color
41, 108.446, 314.229



Protanomaly
37, 85.281, 299.636



Deuteranomaly
36, 72.768, 297.223



Tritanomaly
38, 51.164, 318.974

Monochromacy



Original Color
41, 108.446, 314.229



Achromatopsia
35, 0.005, 296.813



Achromatomaly
34, 47.793, 313.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 108.446, 314.229 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(141, 24, 228)` looks like.

```
.text, #text, p{  
  color:rgb(141, 24, 228)  
}
```

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(141, 24, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 24, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 108.446, 314.229 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(141, 24, 228) }
```

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

```
.border{ border-color:rgb(141, 24, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 24, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 24, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 24, 228);  
box-shadow:4px 4px 4px 4px rgb(141, 24,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 108.446, 314.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 24, 228) }
```

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

```
.background{ background-color: rgb(141, 24,  
228) }
```

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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