

Converting Colors

CIELCh(44, 109.048, 318.349)

Have a look what the booklet for
CIELCh(44, 109.048, 318.349)
contains.

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Color

CIELCh(44, 108.828, 318.374)

Conversions

Conversions Part 1

Format	Color
Hex	A702E3
RGB	167, 2, 227
RGB Percent	65%, 1%, 89%
CMY	0.3445, 0.9903, 0.1093
CMYK	0.26, 0.99, 0.00, 0.11
HSL	284°, 98%, 45%
HSV	284°, 99%, 89%
XYZ	29.8777, 13.8382, 73.8710
YIQ	76.9850, 26.1150, 104.9550

Conversions

Conversions Part 2

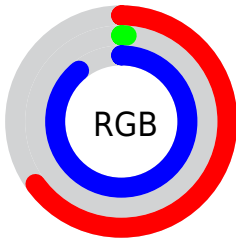
Format	Color
R_{YB}	167, 2, 227
Decimal	10945251
CIE Lab	44.00, 81.35, -72.29
CIE LCh	44, 108.828, 318.374
Yxy	13.8382, 0.2541, 0.1177
Android (android.graphics.Color)	4289135331 (0xFFA702E3)
YUV	76.9850, 73.9574, 78.9432
Hunter-Lab	37.1997, 78.2663, -91.6980

Details

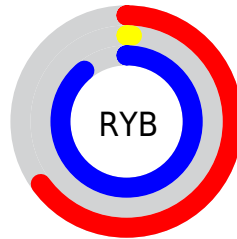
The CIELCh color **44, 108.828, 318.374** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **80, 106.319, 133.812**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 95.292, 322.333**, and **29, 89.560, 315.299** is the 20% darker color. If you saturate the color by 10%, you get **44, 109.141, 318.309**, and if you desaturate by 10%, it is **46, 105.365, 318.932**.

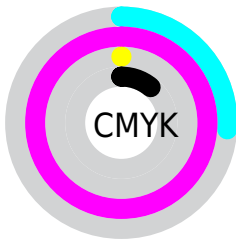
Distribution



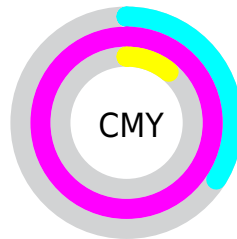
- Red (65%)
- Green (1%)
- Blue (89%)



- Red (65%)
- Yellow (1%)
- Blue (89%)



- Cyan (26%)
- Magenta (99%)
- Yellow (0%)
- Black (11%)





- Cyan (34%)
- Magenta (99%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 108.828, 318.374 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 44, 108.828, 318.374 by changing the saturation by 10% instead.


 44, 108.828,
318.374


 44, 108.828,
318.374


 100, 108.828,
318.374


 34, 108.828,
318.374


 64, 108.828,
318.374


 24, 108.828,
318.374


 74, 108.828,
318.374


 14, 108.828,
318.374


 84, 108.828,
318.374

 4, 108.828,
318.374

 94, 108.828,
318.374

 0, 108.828,
318.374

 44, 108.828,

 44, 108.828,

318.374

318.374

■ 44, 109.141,
318.309

■ 46, 105.365,
318.932

■ 49, 99.092,
319.222

■ 52, 90.093,
319.259

■ 57, 78.985,
319.103

■ 62, 66.455,
318.812

■ 67, 53.103,
318.437

■ 73, 39.380,
318.015

■ 79, 25.597,
317.574

■ 85, 11.954,
317.128

Harmonies

Complementary

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



44, 108.828, 318.374



80, 106.319, 133.812

Rectangle

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



44, 108.828, 318.374



44, 108.828, 8.374



44, 108.828, 138.374



44, 108.828, 188.374

Sweetspot

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



44, 108.827, 318.374



80, 44.902, 318.070



37, 96.825, 299.272



40, 30.671, 318.251



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 108.827, 318.374



49, 119.152, 318.253



51, 89.333, 339.237



45, 7.684, 317.153



34, 91.076, 318.448



6, 36.881, 319.268

Inverse Universe

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



48, 81.659, 24.280



54, 89.940, 25.262



79, 102.375, 138.853



45, 5.115, 359.129



37, 68.183, 23.868



7, 26.641, 10.266

Previews

White Background



This preview shows how the CIE LCh color 44, 108.828, 318.374 looks on a white background.

Color Contrast Check

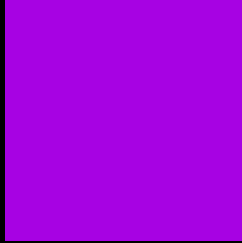
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 108.828, 318.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

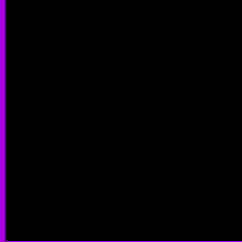
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 108.828, 318.374

Background



This preview shows how black text looks on a background with the CIELCh color 44, 108.828, 318.374.



This preview shows how white text looks on a background with the CIELCh color 44, 108.828, 318.374.

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

44, 108.828, 318.374

Protanopia

45, 67.491, 286.952

Deuteranopia

45, 48.884, 275.382



Tritanopia
44, 25.138, 15.062

Trichromacy



Original Color
44, 108.828, 318.374



Protanomaly
38, 91.583, 301.398



Deuteranomaly
37, 79.957, 299.696



Tritanomaly
41, 57.682, 331.301

Monochromacy



Original Color
44, 108.828, 318.374



Achromatopsia
33, 0.005, 296.813



Achromatomaly
32, 53.431, 319.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 108.828, 318.374 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(167, 2, 227)` looks like.

```
.text, #text, p{  
    color:rgb(167, 2, 227)  
}
```

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(167, 2, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 2, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 108.828, 318.374 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(167, 2, 227) }
```

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

```
.border{ border-color:rgb(167, 2, 227) }
```

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

Here you see how a box with a 4 pixel rgb(167, 2, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 2, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 2, 227);  
box-shadow:4px 4px 4px 4px rgb(167, 2,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 108.828, 318.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 2, 227) }
```

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

```
.background{ background-color: rgb(167, 2,  
227) }
```

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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