

Converting Colors

CIELCh(44, 108.622, 316.727)

Have a look what the booklet for
CIELCh(44, 108.622, 316.727)
contains.

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Color

CIELCh(44, 108.685, 316.786)

Conversions

Conversions Part 1

Format	Color
Hex	A115E7
RGB	161, 21, 231
RGB Percent	63%, 8%, 91%
CMY	0.3694, 0.9191, 0.0949
CMYK	0.30, 0.91, 0.00, 0.09
HSL	280°, 84%, 49%
HSV	280°, 91%, 91%
XYZ	29.3174, 13.8382, 76.5880
YIQ	86.8000, 16.0300, 94.9900

Conversions

Conversions Part 2

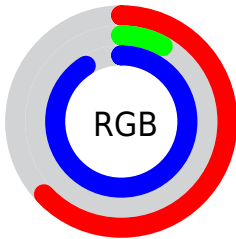
Format	Color
R_{YB}	161, 21, 231
Decimal	10556903
CIE _{Lab}	44.00, 79.21, -74.42
CIE _{LCh}	44, 108.685, 316.786
Yxy	13.8382, 0.2448, 0.1156
Android (android.graphics.Color)	4288746983 (0xFFA115E7)
YUV	86.8000, 71.0906, 65.0734
Hunter-Lab	37.1997, 75.5775, -96.0284

Details

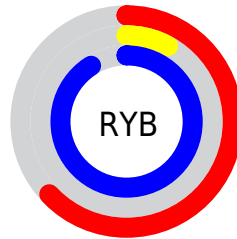
The CIELCh color **44, 108.685, 316.786** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **81, 103.029, 131.969**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 93.270, 321.024**, and **29, 92.053, 313.930** is the 20% darker color. If you saturate the color by 10%, you get **42, 111.858, 316.198**, and if you desaturate by 10%, it is **47, 102.525, 317.171**.

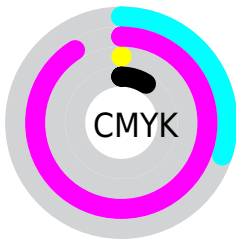
Distribution



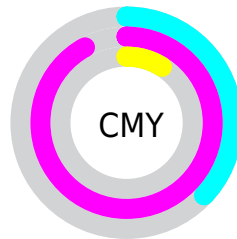
- Red (63%)
- Green (8%)
- Blue (91%)



- Red (63%)
- Yellow (8%)
- Blue (91%)



- Cyan (30%)
- Magenta (91%)
- Yellow (0%)
- Black (9%)





- Cyan (37%)
- Magenta (92%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 108.685, 316.786 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, 108.685, 316.786 by changing the saturation by 10% instead.


 44, 108.685,
316.786


 44, 108.685,
316.786


 100, 108.685,
316.786


 34, 108.685,
316.786


 64, 108.685,
316.786


 24, 108.685,
316.786


 74, 108.685,
316.786


 14, 108.685,
316.786

 84, 108.685,
316.786

 4, 108.685,
316.786

 94, 108.685,
316.786

 0, 108.685,
316.786

 44, 108.685,

 44, 108.685,

316.786

■ 42, 111.858,
316.198

316.786

■ 47, 102.525,
317.171

■ 51, 93.498,
317.259

■ 55, 82.278,
317.121

■ 61, 69.614,
316.831

■ 66, 56.142,
316.449

■ 72, 42.330,
316.019

■ 78, 28.489,
315.573

■ 85, 14.814,
315.129

Harmonies

Complementary

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



44, 108.685, 316.786



81, 103.029, 131.969

Rectangle

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



44, 108.685, 316.786



44, 108.685, 6.786



44, 108.685, 136.786



44, 108.685, 186.786

Sweetspot

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



44, 108.684, 316.786



82, 39.784, 315.845



43, 83.220, 293.975



41, 26.869, 315.998



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, 108.684, 316.786



47, 120.658, 316.143



53, 93.136, 335.555



45, 7.554, 315.058



32, 92.189, 316.367



5, 36.584, 316.966

Inverse Universe

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



50, 77.321, 14.152



54, 86.904, 19.300



80, 102.283, 138.913



45, 5.285, 354.548



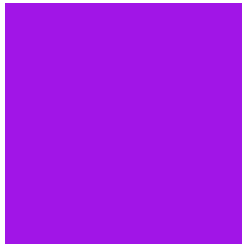
38, 66.097, 17.917



7, 26.704, 6.590

Previews

White Background



This preview shows how the CIELCh color 44, 108.685, 316.786 looks on a white background.

Color Contrast Check

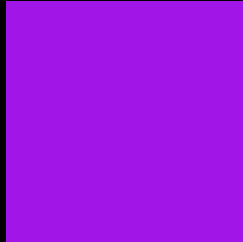
Large Text (above 18pt) WCAG AA ✓ Pass

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, 108.685, 316.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

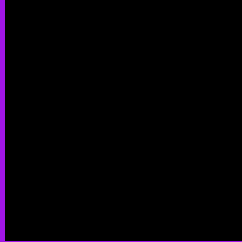
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 44, 108.685, 316.786

Background



This preview shows how black text looks on a background with the CIELCh color 44, 108.685, 316.786.



This preview shows how white text looks on a background with the CIELCh color 44, 108.685, 316.786.

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, 108.685, 316.786

Protanopia

44, 67.011, 286.946

Deuteranopia

44, 48.380, 275.234



Tritanopia
44, 20.205, 12.225

Trichromacy



Original Color
44, 108.685, 316.786



Protanomaly
39, 88.028, 299.899



Deuteranomaly
38, 76.199, 297.782



Tritanomaly
41, 53.688, 327.180

Monochromacy



Original Color
44, 108.685, 316.786



Achromatopsia
37, 0.005, 296.813



Achromatomaly
36, 49.847, 316.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 108.685, 316.786 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(161, 21, 231)` looks like.

```
.text, #text, p{  
    color:rgb(161, 21, 231)  
}
```

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(161, 21, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 21, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 108.685, 316.786 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(161, 21, 231) }
```

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

```
.border{ border-color:rgb(161, 21, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 21, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 21, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 21, 231);  
box-shadow:4px 4px 4px 4px rgb(161, 21,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 108.685, 316.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 21, 231) }
```

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

```
.background{ background-color: rgb(161, 21,  
231) }
```

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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