

Converting Colors

CIELCh(44, 105.399, 317.300)

Have a look what the booklet for
CIELCh(44, 105.399, 317.300)
contains.

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Color

CIELCh(44, 105.462, 317.313)

Conversions

Conversions Part 1

Format	Color
Hex	A219E2
RGB	162, 25, 226
RGB Percent	64%, 10%, 89%
CMY	0.3659, 0.9001, 0.1149
CMYK	0.28, 0.89, 0.00, 0.11
HSL	281°, 80%, 49%
HSV	281°, 89%, 89%
XYZ	28.8801, 13.8382, 72.8816
YIQ	88.8770, 17.1310, 91.5550

Conversions

Conversions Part 2

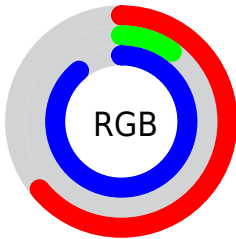
Format	Color
R _{YB}	162, 25, 226
Decimal	10623458
CIE _{Lab}	44.00, 77.52, -71.50
CIE _{LCh}	44, 105.462, 317.313
Y _{xy}	13.8382, 0.2498, 0.1197
Android (android.graphics.Color)	4288813538 (0xFFA219E2)
Y _{UV}	88.8770, 67.6016, 64.1289
Hunter-Lab	37.1997, 73.4793, -90.1209

Details

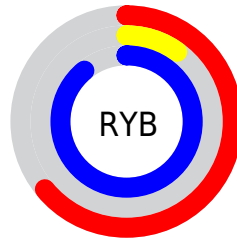
The CIELCh color **44, 105.462, 317.313** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **80, 100.437, 132.115**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 92.357, 321.125**, and **29, 89.530, 314.741** is the 20% darker color. If you saturate the color by 10%, you get **42, 109.274, 316.706**, and if you desaturate by 10%, it is **47, 98.774, 317.617**.

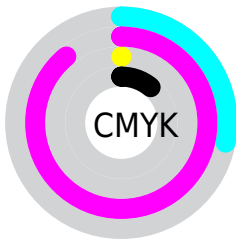
Distribution



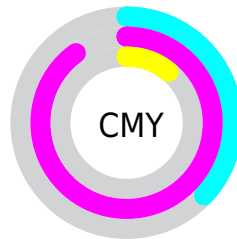
- Red (64%)
- Green (10%)
- Blue (89%)



- Red (64%)
- Yellow (10%)
- Blue (89%)



- Cyan (28%)
- Magenta (89%)
- Yellow (0%)
- Black (11%)





- Cyan (37%)
- Magenta (90%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 105.462, 317.313 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, 105.462, 317.313 by changing the saturation by 10% instead.


 44, 105.462,
317.313


 44, 105.462,
317.313


 100, 105.462,
317.313


 34, 105.462,
317.313


 64, 105.462,
317.313


 24, 105.462,
317.313


 74, 105.462,
317.313


 14, 105.462,
317.313


 84, 105.462,
317.313

 4, 105.462,
317.313

 94, 105.462,
317.313

 0, 105.462,
317.313

 44, 105.462,

 44, 105.462,

317.313

317.313

■ 42, 109.274,
316.706

■ 47, 98.774,
317.617

■ 42, 109.685,
316.623

■ 51, 89.408,
317.647

■ 56, 78.049,
317.473

■ 61, 65.409,
317.163

■ 66, 52.075,
316.772

■ 72, 38.470,
316.341

■ 78, 24.875,
315.897

■ 84, 11.466,
315.454

Harmonies

Complementary

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



44, 105.462, 317.313



80, 100.437, 132.115

Rectangle

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



44, 105.462, 317.313



44, 105.462, 7.313



44, 105.462, 137.313



44, 105.462, 187.313

Sweetspot

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



44, 105.461, 317.313



82, 39.896, 316.273



43, 79.401, 293.069



41, 26.940, 316.424



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, 105.461, 317.313



47, 120.338, 316.556



53, 91.071, 335.352



44, 7.441, 315.486



32, 90.971, 316.785



5, 34.724, 317.071

Inverse Universe

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



49, 75.265, 14.106



54, 87.432, 20.551



79, 99.118, 139.285



44, 5.151, 355.449



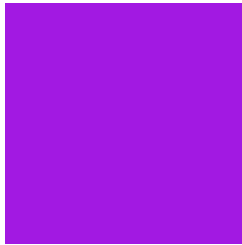
37, 65.728, 19.093



6, 25.399, 6.617

Previews

White Background



This preview shows how the CIELCh color 44, 105.462, 317.313 looks on a white background.

Color Contrast Check

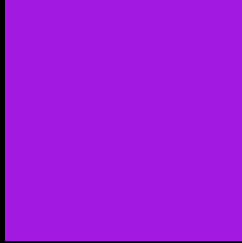
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105.462, 317.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

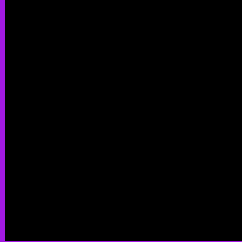
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 105.462, 317.313

Background



This preview shows how black text looks on a background with the CIELCh color 44, 105.462, 317.313.



This preview shows how white text looks on a background with the CIELCh color 44, 105.462, 317.313.

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, 105.668, 317.341

Protanopia

44, 67.011, 286.946

Deuteranopia

44, 48.380, 275.234



Tritanopia
44, 22.044, 11.855

Trichromacy



Original Color
44, 105.668, 317.341



Protanomaly
39, 86.227, 299.481



Deuteranomaly
39, 74.417, 297.450



Tritanomaly
42, 52.475, 328.684

Monochromacy



Original Color
44, 105.668, 317.341



Achromatopsia
38, 0.005, 296.813



Achromatomaly
37, 47.401, 316.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 105.462, 317.313 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(162, 25, 226)` looks like.

```
.text, #text, p{  
    color:rgb(162, 25, 226)  
}
```

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(162, 25, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 25, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 105.462, 317.313 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(162, 25, 226) }
```

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

```
.border{ border-color:rgb(162, 25, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 25, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 25, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 25, 226);  
box-shadow:4px 4px 4px 4px rgb(162, 25,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 105.462, 317.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 25, 226) }
```

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

```
.background{ background-color: rgb(162, 25,  
226) }
```

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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