

Converting Colors

CIELCh(44, 83.654, 317.752)

Have a look what the booklet for
CIELCh(44, 83.654, 317.752)
contains.

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Color

CIELCh(44, 83.745, 317.812)

Conversions

Conversions Part 1

Format	Color
Hex	9A38C7
RGB	154, 56, 199
RGB Percent	60%, 22%, 78%
CMY	0.3958, 0.7801, 0.2193
CMYK	0.23, 0.72, 0.00, 0.22
HSL	281°, 56%, 50%
HSV	281°, 72%, 78%
XYZ	25.0731, 13.8382, 55.4231
YIQ	101.6040, 12.5050, 65.2490

Conversions

Conversions Part 2

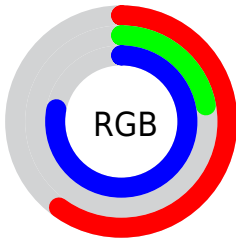
Format	Color
RYB	154, 56, 199
Decimal	10107079
CIELab	44.00, 62.05, -56.24
CIELCh	44, 83.745, 317.812
Yxy	13.8382, 0.2658, 0.1467
Android (android.graphics.Color)	4288297159 (0xFF9A38C7)
YUV	101.6040, 48.0162, 45.9513
Hunter-Lab	37.1997, 55.2118, -62.2952

Details

The CIELCh color **44, 83.745, 317.812** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **72, 79.815, 131.940**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 83.234, 318.074**, and **26, 78.431, 316.951** is the 20% darker color. If you saturate the color by 10%, you get **41, 91.613, 317.720**, and if you desaturate by 10%, it is **48, 73.914, 317.687**.

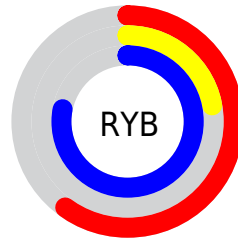
Distribution



Red (60%)

Green (22%)

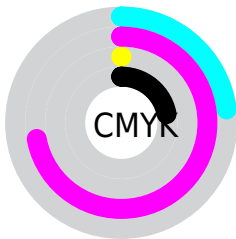
Blue (78%)



Red (60%)

Yellow (22%)

Blue (78%)

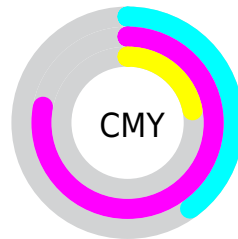


Cyan (23%)

Magenta (72%)

Yellow (0%)

Black (22%)



Cyan (40%)

Magenta (78%)

Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 83.745, 317.812 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, 83.745, 317.812 by changing the saturation by 10% instead.

 44, 83.745,
317.812

 44, 83.745,
317.812


 100, 83.745,
317.812

 34, 83.745,
317.812

 64, 83.745,
317.812

 24, 83.745,
317.812

 74, 83.745,
317.812

 14, 83.745,
317.812

 84, 83.745,
317.812

 4, 83.745, 317.812

 94, 83.745,
317.812

 0, 83.745, 317.812

 44, 83.745,

 44, 83.745,

317.812

317.812

■ 41, 91.613,
317.720

■ 48, 73.914,
317.687

■ 38, 96.960,
317.344

■ 53, 62.767,
317.412

■ 37, 99.682,
316.854

■ 57, 50.860,
317.044

■ 63, 38.611,
316.625

■ 68, 26.303,
316.187

■ 74, 14.120,
315.747

■ 79, 2.169, 315.261

■ 85, 9.490, 134.968

■ 91, 20.827,
134.594

Harmonies

Complementary

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



44, 83.745, 317.812



72, 79.815, 131.940

Rectangle

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



44, 83.745, 317.812



44, 83.745, 7.812



44, 83.745, 137.812



44, 83.745, 187.812

Sweetspot

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



44, 83.744, 317.812



85, 32.419, 316.208



45, 58.344, 287.932



43, 21.830, 316.329



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, 83.744, 317.812



51, 114.295, 317.555



49, 74.507, 334.768



39, 6.745, 315.640



30, 85.943, 316.994



3, 23.428, 313.316

Inverse Universe

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



47, 59.512, 7.293



56, 81.577, 13.506



71, 77.087, 142.474



39, 4.651, 355.774



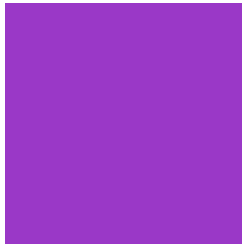
34, 62.202, 19.189



4, 16.582, 3.491

Previews

White Background



This preview shows how the CIELCh color 44, 83.745, 317.812 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 CIELCh color 44, 83.745, 317.812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

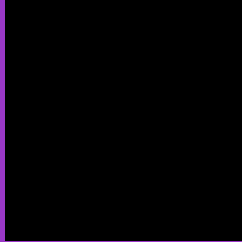
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 83.745, 317.812

Background



This preview shows how black text looks on a background with the CIELCh color 44, 83.745, 317.812.



This preview shows how white text looks on a background with the CIELCh color 44, 83.745, 317.812.

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, 83.745, 317.812

Protanopia

44, 67.011, 286.946

Deuteranopia

44, 50.493, 277.118



Tritanopia
44, 20.708, 10.915

Trichromacy



Original Color
44, 83.745, 317.812

Protanomaly
41, 73.787, 295.454

Deuteranomaly
41, 62.806, 292.426

Tritanomaly
43, 41.311, 331.108

Monochromacy



Original Color
44, 83.745, 317.812

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 34.048, 317.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 83.745, 317.812 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(154, 56, 199)` looks like.

```
.text, #text, p{  
    color:rgb(154, 56, 199)  
}
```

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(154, 56, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 56, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 83.745, 317.812 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(154, 56, 199) }
```

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

```
.border{ border-color:rgb(154, 56, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 56, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 56, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 56, 199);  
box-shadow:4px 4px 4px 4px rgb(154, 56,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 83.745, 317.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 56, 199) }
```

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

```
.background{ background-color: rgb(154, 56,  
199) }
```

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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