

Converting Colors

CIELCh(44, 88.404, 317.301)

Have a look what the booklet for
CIELCh(44, 88.404, 317.301)
contains.

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Color

CIELCh(44, 88.252, 317.446)

Conversions

Conversions Part 1

Format	Color
Hex	9B34CD
RGB	155, 52, 205
RGB Percent	61%, 20%, 80%
CMY	0.3921, 0.7960, 0.1960
CMYK	0.24, 0.75, 0.00, 0.20
HSL	280°, 60%, 50%
HSV	280°, 75%, 80%
XYZ	25.7737, 13.8382, 59.0861
YIQ	100.2390, 12.2750, 69.4190

Conversions

Conversions Part 2

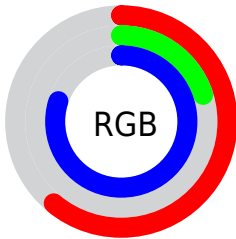
Format	Color
RYB	155, 52, 205
Decimal	10171597
CIELab	44.00, 65.01, -59.68
CIElCh	44, 88.252, 317.446
Yxy	13.8382, 0.2611, 0.1402
Android (android.graphics.Color)	4288361677 (0xFF9B34CD)
YUV	100.2390, 51.6472, 48.0254
Hunter-Lab	37.1997, 58.5737, -68.1334

Details

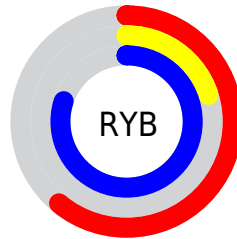
The CIELCh color **44, 88.252, 317.446** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **74, 83.751, 131.595**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 84.364, 318.433**, and **26, 81.240, 316.099** is the 20% darker color. If you saturate the color by 10%, you get **41, 95.683, 317.277**, and if you desaturate by 10%, it is **48, 78.631, 317.373**.

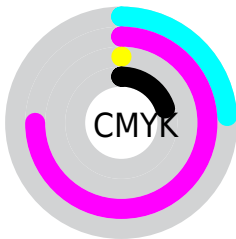
Distribution



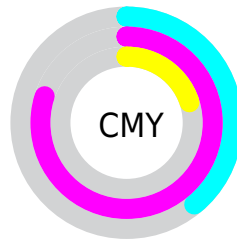
- Red (61%)
- Green (20%)
- Blue (80%)



- Red (61%)
- Yellow (20%)
- Blue (80%)



- Cyan (24%)
- Magenta (75%)
- Yellow (0%)
- Black (20%)



- Cyan (39%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 88.252, 317.446 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, 88.252, 317.446 by changing the saturation by 10% instead.

 44, 88.252,
317.446

 44, 88.252,
317.446

 100, 88.252,
317.446

 34, 88.252,
317.446

 64, 88.252,
317.446

 24, 88.252,
317.446

 74, 88.252,
317.446

 14, 88.252,
317.446


 84, 88.252,
317.446

 4, 88.252, 317.446

 94, 88.252,
317.446

 0, 88.252, 317.446

 44, 88.252,

 44, 88.252,

317.446

317.446

■ 41, 95.683,
317.277

■ 48, 78.631,
317.373

■ 38, 100.409,
316.801

■ 53, 67.494,
317.129

■ 38, 102.156,
316.461

■ 58, 55.451,
316.776

■ 63, 42.969,
316.363

■ 68, 30.374,
315.925

■ 74, 17.872,
315.483

■ 80, 5.591, 315.037

■ 86, 6.399, 134.696

■ 91, 18.063,
134.308

Harmonies

Complementary

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



44, 88.252, 317.446



74, 83.751, 131.595

Rectangle

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



44, 88.252, 317.446



44, 88.252, 7.446



44, 88.252, 137.446



44, 88.252, 187.446

Sweetspot

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



44, 88.251, 317.446



85, 32.331, 315.821



45, 60.729, 287.807



43, 21.772, 315.942



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, 88.251, 317.446



49, 116.793, 317.005



50, 78.842, 334.247



40, 6.866, 315.253



30, 87.136, 316.612



3, 25.685, 313.723

Inverse Universe

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



47, 62.701, 7.325



55, 83.256, 14.421



73, 82.125, 141.544



40, 4.780, 354.954



35, 62.632, 18.149



4, 18.672, 3.535

Previews

White Background



This preview shows how the CIELCh color 44, 88.252, 317.446 looks on a white background.

Color Contrast Check

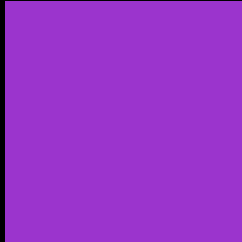
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.252, 317.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

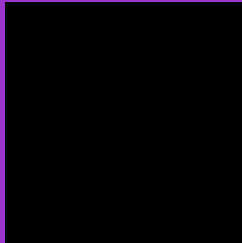
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 88.252, 317.446

Background



This preview shows how black text looks on a background with the CIELCh color 44, 88.252, 317.446.



This preview shows how white text looks on a background with the CIELCh color 44, 88.252, 317.446.

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, 88.252, 317.446

Protanopia

44, 67.011, 286.946

Deuteranopia

44, 49.422, 276.061



Tritanopia
44, 20.708, 10.915

Trichromacy



Original Color
44, 88.252, 317.446



Protanomaly
41, 76.190, 296.254



Deuteranomaly
40, 64.592, 293.098



Tritanomaly
43, 42.800, 330.052

Monochromacy



Original Color
44, 88.252, 317.446



Achromatopsia
42, 0.006, 296.813



Achromatomaly
41, 35.856, 316.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 88.252, 317.446 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(155, 52, 205)` looks like.

```
.text, #text, p{  
    color:rgb(155, 52, 205)  
}
```

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(155, 52, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 52, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 88.252, 317.446 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(155, 52, 205) }
```

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

```
.border{ border-color:rgb(155, 52, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 52, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 52, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 52, 205);  
box-shadow:4px 4px 4px 4px rgb(155, 52,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 88.252, 317.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 52, 205) }
```

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

```
.background{ background-color: rgb(155, 52,  
205) }
```

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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