

Converting Colors

CIELCh(44, 43.262, 317.557)

Have a look what the booklet for
CIELCh(44, 43.262, 317.557)
contains.

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Color

CIELCh(44, 43.068, 317.596)

Conversions

Conversions Part 1

Format	Color
Hex	855699
RGB	133, 86, 153
RGB Percent	52%, 34%, 60%
CMY	0.4800, 0.6642, 0.4016
CMYK	0.13, 0.44, 0.00, 0.40
HSL	282°, 28%, 47%
HSV	282°, 44%, 60%
XYZ	18.6260, 13.8382, 31.6543
YIQ	107.6910, 6.5050, 30.8010

Conversions

Conversions Part 2

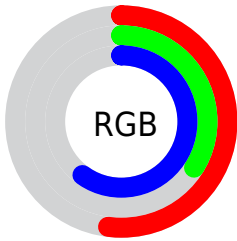
Format	Color
R_{YB}	133, 86, 153
Decimal	8738457
CIE _{Lab}	44.00, 31.80, -29.04
CIE _{LCh}	44, 43.068, 317.596
Yxy	13.8382, 0.2905, 0.2158
Android (android.graphics.Color)	4286928537 (0xFF855699)
YUV	107.6910, 22.3373, 22.1960
Hunter-Lab	37.1997, 24.2757, -24.4117

Details

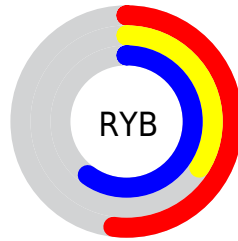
The CIELCh color $[44, 43.068, 317.596]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[58, 41.737, 133.625]$, and the grayscale version is $[45, 0.006, 296.813]$.

A 20% lighter version of the original color is $[64, 43.108, 317.327]$, and $[24, 43.611, 317.690]$ is the 20% darker color. If you saturate the color by 10%, you get $[40, 52.589, 317.944]$, and if you desaturate by 10%, it is $[48, 33.219, 317.194]$.

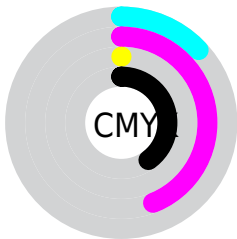
Distribution



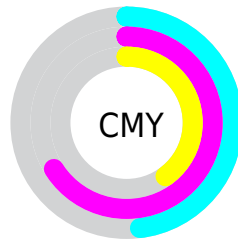
- Red (52%)
- Green (34%)
- Blue (60%)



- Red (52%)
- Yellow (34%)
- Blue (60%)



- Cyan (13%)
- Magenta (44%)
- Yellow (0%)
- Black (40%)



- Cyan (48%)
- Magenta (66%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 43.068, 317.596 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, 43.068, 317.596 by changing the saturation by 10% instead.


 44, 43.068,
317.596


 44, 43.068,
317.596


 100, 43.068,
317.596

 34, 43.068,
317.596

 64, 43.068,
317.596

 24, 43.068,
317.596

 74, 43.068,
317.596

 14, 43.068,
317.596

 84, 43.068,
317.596

 4, 43.068, 317.596

 94, 43.068,
317.596

 0, 43.068, 317.596

 44, 43.068,

 44, 43.068,

317.596

40, 52.589,
317.944

37, 61.447,
318.197

33, 69.202,
318.302

31, 75.362,
318.198

29, 79.521,
317.828

28, 81.540,
317.547

317.596

48, 33.219,
317.194

52, 23.285,
316.768

57, 13.419,
316.338

61, 3.718, 315.895

66, 5.763, 135.567

70, 14.996,
135.185

75, 23.968,
134.843

79, 32.679,
134.533

■ 84, 41.135,
134.252

Harmonies

Complementary

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



44, 43.068, 317.596



58, 41.737, 133.625

Rectangle

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



44, 43.068, 317.596



44, 43.068, 7.596



44, 43.068, 137.596



44, 43.068, 187.596

Sweetspot

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



44, 43.067, 317.596



73, 15.584, 316.311



45, 28.406, 280.935



37, 10.898, 316.399



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



44, 43.067, 317.596



52, 64.182, 317.949



46, 39.829, 333.348



30, 5.449, 316.137



25, 76.637, 317.616



1, 5.818, 315.403

Inverse Universe

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



45, 30.214, 1.409



54, 45.290, 3.386



58, 39.760, 146.908



30, 3.710, 356.847



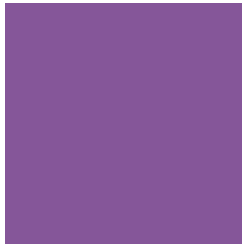
29, 55.840, 19.839



1, 3.929, 356.401

Previews

White Background



This preview shows how the CIELCh color 44, 43.068, 317.596 looks on a white background.

Color Contrast Check

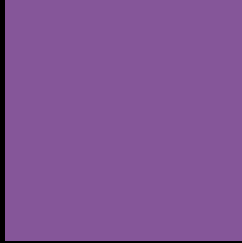
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.068, 317.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

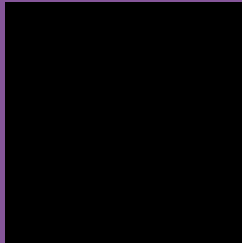
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 43.068, 317.596

Background



This preview shows how black text looks on a background with the CIELCh color 44, 43.068, 317.596.



This preview shows how white text looks on a background with the CIELCh color 44, 43.068, 317.596.

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, 43.068, 317.596

Protanopia

44, 39.064, 286.043

Deuteranopia

44, 27.814, 283.218



Tritanopia
44, 12.526, 1.736

Trichromacy



Original Color
44, 43.068, 317.596

Protanomaly
44, 39.628, 296.875

Deuteranomaly
44, 31.974, 298.756

Tritanomaly
44, 22.180, 331.175

Monochromacy



Original Color
44, 43.068, 317.596

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 16.448, 315.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 43.068, 317.596 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(133, 86, 153)` looks like.

```
.text, #text, p{  
    color:rgb(133, 86, 153)  
}
```

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(133, 86, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 86, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 43.068, 317.596 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(133, 86, 153) }
```

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

```
.border{ border-color:rgb(133, 86, 153) }
```

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

Here you see how a box with a 4 pixel rgb(133, 86, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 86, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 86, 153);  
box-shadow:4px 4px 4px 4px rgb(133, 86,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 43.068, 317.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 86, 153) }
```

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

```
.background{ background-color: rgb(133, 86,  
153) }
```

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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