

Converting Colors

CIELCh(44, 22.086, 332.503)

Have a look what the booklet for
CIELCh(44, 22.086, 332.503)
contains.

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Color

CIELCh(44, 21.992, 333.069)

Conversions

Conversions Part 1

Format	Color
Hex	815D79
RGB	129, 93, 121
RGB Percent	51%, 36%, 47%
CMY	0.4947, 0.6358, 0.5260
CMYK	0.00, 0.28, 0.06, 0.49
HSL	313°, 16%, 43%
HSV	313°, 28%, 51%
XYZ	16.3768, 13.8382, 19.8523
YIQ	106.9560, 12.4680, 16.3400

Conversions

Conversions Part 2

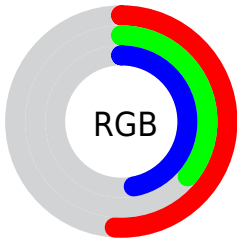
Format	Color
R_{YB}	129, 93, 121
Decimal	8478073
CIE _{Lab}	44.00, 19.61, -9.96
CIE _{LCh}	44, 21.992, 333.069
Yxy	13.8382, 0.3271, 0.2764
Android (android.graphics.Color)	4286668153 (0xFF815D79)
YUV	106.9560, 6.9237, 19.3326
Hunter-Lab	37.1997, 13.4833, -5.6013

Details

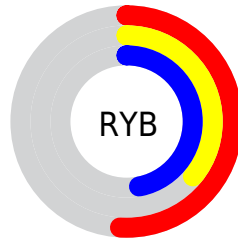
The CIELCh color $44, 21.992, 333.069$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $51, 21.873, 149.301$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 21.563, 333.196$, and $24, 22.003, 333.459$ is the 20% darker color. If you saturate the color by 10%, you get $41, 29.738, 333.753$, and if you desaturate by 10%, it is $47, 14.093, 332.409$.

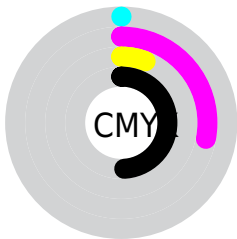
Distribution



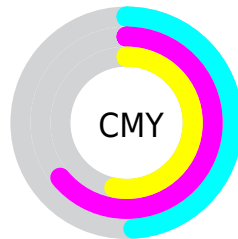
- Red (51%)
- Green (36%)
- Blue (47%)



- Red (51%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (28%)
- Yellow (6%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 21.992, 333.069 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, 21.992, 333.069 by changing the saturation by 10% instead.


 44, 21.992,
333.069


 44, 21.992,
333.069

 100, 21.992,
333.069

 34, 21.992,
333.069

 64, 21.992,
333.069


 24, 21.992,
333.069

 74, 21.992,
333.069

 14, 21.992,
333.069

 84, 21.992,
333.069

 4, 21.992, 333.069

 94, 21.992,
333.069

 0, 21.992, 333.069

 44, 21.992,

 44, 21.992,

333.069

41, 29.738,
333.753

38, 37.124,
334.465

35, 43.872,
335.212

33, 49.656,
336.006

31, 54.146,
336.868

29, 57.081,
337.830

29, 58.658,
338.901

28, 58.970,
339.121

333.069

47, 14.093,
332.409

51, 6.198, 331.760

55, 1.597, 151.339

58, 9.227, 150.646

62, 16.659,
150.088

66, 23.878,
149.565

70, 30.879,
149.071

74, 37.668,
148.604

77, 44.251,

Harmonies

Complementary

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



44, 21.992, 333.069



51, 21.873, 149.301

Rectangle

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



44, 21.992, 333.069



44, 21.992, 23.069



44, 21.992, 153.069



44, 21.992, 203.069

Sweetspot

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



44, 21.990, 333.070



65, 7.780, 331.778



41, 22.097, 300.742



33, 5.508, 331.864



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



44, 21.990, 333.070



54, 33.229, 333.537



43, 16.369, 0.028



25, 4.371, 331.837



28, 58.530, 339.107



0, 0.000, 0.000

Inverse Universe

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



44, 21.990, 333.070



54, 33.229, 333.537



51, 15.052, 174.525



25, 4.371, 331.837



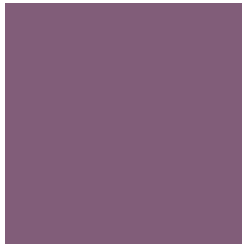
28, 58.530, 339.107



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 21.992, 333.069 looks on a white background.

Color Contrast Check

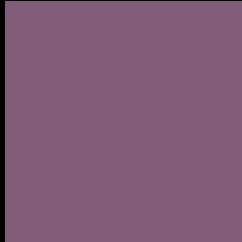
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.992, 333.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

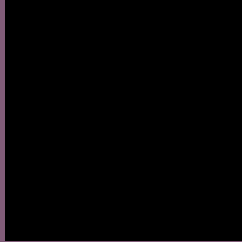
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 21.992, 333.069

Background



This preview shows how black text looks on a background with the CIELCh color 44, 21.992, 333.069.



This preview shows how white text looks on a background with the CIELCh color 44, 21.992, 333.069.

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, 21.992, 333.069

Protanopia

44, 15.020, 286.639

Deuteranopia

44, 10.416, 302.419



Tritanopia
44, 13.776, 3.764

Trichromacy



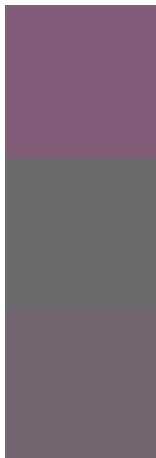
Original Color
44, 21.992, 333.069

Protanomaly
44, 16.250, 307.367

Deuteranomaly
44, 14.149, 318.373

Tritanomaly
44, 16.018, 350.354

Monochromacy



Original Color
44, 21.992, 333.069

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 8.016, 332.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 21.992, 333.069 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(129, 93, 121)` looks like.

```
.text, #text, p{  
    color:rgb(129, 93, 121)  
}
```

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(129, 93, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 93, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 21.992, 333.069 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(129, 93, 121) }
```

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

```
.border{ border-color:rgb(129, 93, 121) }
```

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

Here you see how a box with a 4 pixel rgb(129, 93, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 93, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 93, 121);  
box-shadow:4px 4px 4px 4px rgb(129, 93,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 21.992, 333.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 93, 121) }
```

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

```
.background{ background-color: rgb(129, 93,  
121) }
```

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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