

Converting Colors

CIELCh(44, 25.187, 333.926)

Have a look what the booklet for
CIELCh(44, 25.187, 333.926)
contains.

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Color

CIELCh(44, 25.219, 333.941)

Conversions

Conversions Part 1

Format	Color
Hex	855B7B
RGB	133, 91, 123
RGB Percent	52%, 36%, 48%
CMY	0.4793, 0.6440, 0.5185
CMYK	0.00, 0.32, 0.08, 0.48
HSL	314°, 19%, 44%
HSV	314°, 32%, 52%
XYZ	16.9210, 13.8382, 20.4453
YIQ	107.2060, 14.7600, 18.8560

Conversions

Conversions Part 2

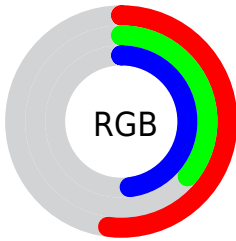
Format	Color
R_{YB}	133, 91, 123
Decimal	8739707
CIE _{Lab}	44.00, 22.66, -11.08
CIE _{LCh}	44, 25.219, 333.941
Yxy	13.8382, 0.3305, 0.2703
Android (android.graphics.Color)	4286929787 (0xFF855B7B)
YUV	107.2060, 7.7864, 22.6213
Hunter-Lab	37.1997, 16.0946, -6.5464

Details

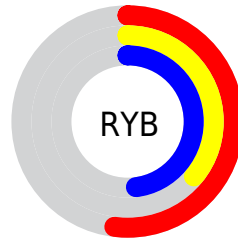
The CIELCh color $44, 25.219, 333.941$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $52, 25.058, 149.515$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 24.899, 334.596$, and $24, 25.313, 334.569$ is the 20% darker color. If you saturate the color by 10%, you get $41, 32.967, 334.658$, and if you desaturate by 10%, it is $47, 17.245, 333.255$.

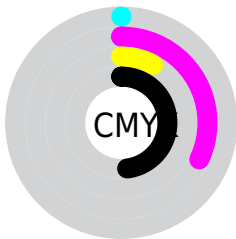
Distribution



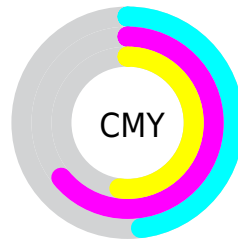
- Red (52%)
- Green (36%)
- Blue (48%)



- Red (52%)
- Yellow (36%)
- Blue (48%)



- Cyan (0%)
- Magenta (32%)
- Yellow (8%)
- Black (48%)





- Cyan (48%)
- Magenta (64%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 25.219, 333.941 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, 25.219, 333.941 by changing the saturation by 10% instead.


 44, 25.219,
333.941


 44, 25.219,
333.941


 100, 25.219,
333.941


 34, 25.219,
333.941

 64, 25.219,
333.941


 24, 25.219,
333.941

 74, 25.219,
333.941

 14, 25.219,
333.941

 84, 25.219,
333.941

 4, 25.219, 333.941

 94, 25.219,
333.941

 0, 25.219, 333.941

 44, 25.219,

 44, 25.219,

333.941

41, 32.967,
334.658

38, 40.251,
335.411

35, 46.763,
336.213

33, 52.158,
337.081

31, 56.112,
338.046

30, 58.411,
339.150

29, 59.562,
340.147

333.941

47, 17.245,
333.255

51, 9.226, 332.592

55, 1.281, 331.810

59, 6.516, 151.438

63, 14.120,
150.854

66, 21.510,
150.312

70, 28.678,
149.802

74, 35.627,
149.321

78, 42.365,

Harmonies

Complementary

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



44, 25.219, 333.941



52, 25.058, 149.515

Rectangle

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



44, 25.219, 333.941



44, 25.219, 23.941



44, 25.219, 153.941



44, 25.219, 203.941

Sweetspot

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



44, 25.217, 333.942



67, 8.873, 332.432



41, 25.845, 301.649



34, 6.145, 332.516



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



44, 25.217, 333.942



54, 37.534, 334.458



43, 18.993, 1.733



26, 4.466, 332.427



29, 58.696, 340.117



0, 1.062, 331.892

Inverse Universe

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



44, 25.217, 333.942



54, 37.534, 334.458



52, 17.153, 175.330



26, 4.466, 332.427



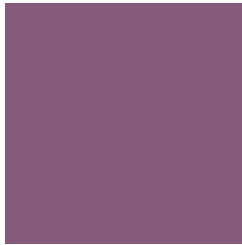
29, 58.696, 340.117



0, 1.062, 331.892

Previews

White Background



This preview shows how the CIELCh color 44, 25.219, 333.941 looks on a white background.

Color Contrast Check

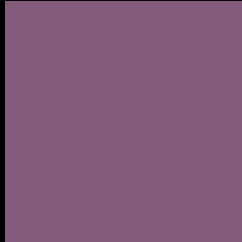
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.219, 333.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

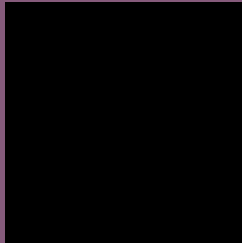
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 25.219, 333.941

Background



This preview shows how black text looks on a background with the CIELCh color 44, 25.219, 333.941.



This preview shows how white text looks on a background with the CIELCh color 44, 25.219, 333.941.

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, 25.219, 333.941

Protanopia

44, 16.862, 285.114

Deuteranopia

44, 11.593, 301.398



Tritanopia
44, 15.465, 6.020

Trichromacy



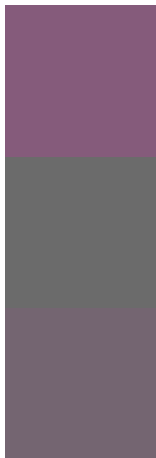
Original Color
44, 25.219, 333.941

Protanomaly
44, 17.982, 305.964

Deuteranomaly
44, 16.100, 318.098

Tritanomaly
44, 18.655, 349.304

Monochromacy



Original Color
44, 25.219, 333.941

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 9.448, 331.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 25.219, 333.941 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, 91, 123)` looks like.

```
.text, #text, p{  
    color:rgb(133, 91, 123)  
}
```

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, 91, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 91, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 25.219, 333.941 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, 91, 123) }
```

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

```
.border{ border-color:rgb(133, 91, 123) }
```

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

Here you see how a box with a 4 pixel rgb(133, 91, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 91, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 91, 123);  
box-shadow:4px 4px 4px 4px rgb(133, 91,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 25.219, 333.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 91, 123) }
```

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

```
.background{ background-color: rgb(133, 91,  
123) }
```

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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