

Converting Colors

CIELCh(43, 33.200, 327.258)

Have a look what the booklet for
CIELCh(43, 33.200, 327.258)
contains.

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Color

CIELCh(43, 33.343, 326.898)

Conversions

Conversions Part 1

Format	Color
Hex	855584
RGB	133, 85, 132
RGB Percent	52%, 33%, 52%
CMY	0.4783, 0.6665, 0.4822
CMYK	0.00, 0.36, 0.01, 0.48
HSL	301°, 22%, 43%
HSV	301°, 36%, 52%
XYZ	17.0959, 13.1578, 23.4798
YIQ	104.7100, 13.5210, 24.7930

Conversions

Conversions Part 2

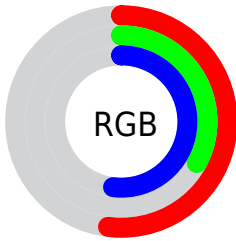
Format	Color
RYB	133, 85, 132
Decimal	8738180
CIELab	43.00, 27.93, -18.21
CIElCh	43, 33.343, 326.898
Yxy	13.1578, 0.3182, 0.2449
Android (android.graphics.Color)	4286928260 (0xFF855584)
YUV	104.7100, 13.4540, 24.8103
Hunter-Lab	36.2736, 20.6489, -12.9867

Details

The CIELCh color $43, 33.343, 326.898$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $51, 33.370, 142.453$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 33.005, 327.006$, and $23, 33.060, 326.988$ is the 20% darker color. If you saturate the color by 10%, you get $40, 42.074, 327.388$, and if you desaturate by 10%, it is $46, 24.210, 326.380$.

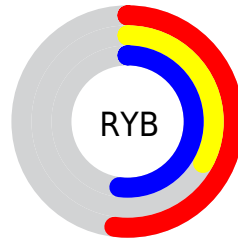
Distribution



Red (52%)

Green (33%)

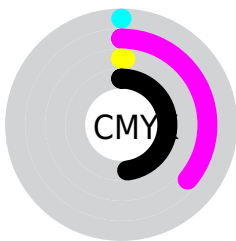
Blue (52%)



Red (52%)

Yellow (33%)

Blue (52%)

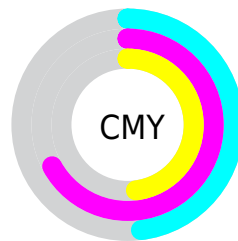


Cyan (0%)

Magenta (36%)

Yellow (1%)

Black (48%)



Cyan (48%)


Magenta (67%)

Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 33.343, 326.898 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 43, 33.343, 326.898 by changing the saturation by 10% instead.


 43, 33.343,
326.898


 43, 33.343,
326.898


 100, 33.343,
326.898


 33, 33.343,
326.898

 63, 33.343,
326.898


 23, 33.343,
326.898

 73, 33.343,
326.898

 13, 33.343,
326.898

 83, 33.343,
326.898

 3, 33.343, 326.898

 93, 33.343,
326.898

 0, 33.343, 326.898

 43, 33.343,

 43, 33.343,

326.898

40, 42.074,
327.388

37, 50.115,
327.835

35, 57.131,
328.227

33, 62.791,
328.552

32, 66.842,
328.804

31, 69.311,
328.988

31, 70.161,
329.055

326.898

46, 24.210,
326.380

50, 14.910,
325.845

53, 5.610, 325.289

57, 3.573, 144.851

61, 12.567,
144.297

65, 21.327,
143.794

68, 29.832,
143.316

72, 38.073,
142.864

■ 76, 46.054,
142.438

Harmonies

Complementary

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



43, 33.343, 326.898



51, 33.370, 142.453

Rectangle

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



43, 33.343, 326.898



43, 33.343, 16.898



43, 33.343, 146.898



43, 33.343, 196.898

Sweetspot

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



43, 33.341, 326.898



66, 12.638, 325.581



38, 29.542, 295.162



34, 8.460, 325.642



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



43, 33.341, 326.898



53, 48.909, 327.288



42, 24.042, 347.969



26, 5.198, 325.463



30, 69.022, 329.053



0, 1.238, 324.997

Inverse Universe

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



43, 33.341, 326.898



53, 48.909, 327.288



52, 22.959, 161.199



26, 5.198, 325.463



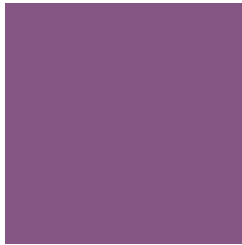
30, 69.022, 329.053



0, 1.238, 324.997

Previews

White Background



This preview shows how the CIELCh color 43, 33.343, 326.898 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 43, 33.343, 326.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

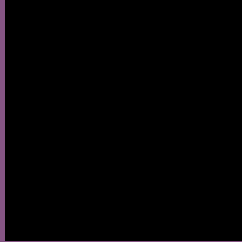
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 33.343, 326.898

Background



This preview shows how black text looks on a background with the CIELCh color 43, 33.343, 326.898.



This preview shows how white text looks on a background with the CIELCh color 43, 33.343, 326.898.

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


43, 33.343, 326.898

Protanopia

43, 26.577, 285.974

Deuteranopia

43, 17.453, 290.257



Tritanopia
43, 16.394, 7.064

Trichromacy



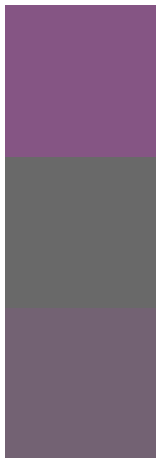
Original Color
43, 33.343, 326.898

Protanomaly
43, 27.449, 301.341

Deuteranomaly
43, 22.026, 308.871

Tritanomaly
43, 21.277, 344.439

Monochromacy



Original Color
43, 33.343, 326.898

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 12.328, 325.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 33.343, 326.898 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, 85, 132)` looks like.

```
.text, #text, p{  
    color:rgb(133, 85, 132)  
}
```

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, 85, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 85, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 33.343, 326.898 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, 85, 132) }
```

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

```
.border{ border-color:rgb(133, 85, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 85, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 85, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 85, 132);  
box-shadow:4px 4px 4px 4px rgb(133, 85,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 33.343, 326.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 85, 132) }
```

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

```
.background{ background-color: rgb(133, 85,  
132) }
```

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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