

Converting Colors

CIELCh(43, 37.391, 326.459)

Have a look what the booklet for
CIELCh(43, 37.391, 326.459)
contains.

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Color

CIELCh(43, 37.080, 326.458)

Conversions

Conversions Part 1

Format	Color
Hex	885388
RGB	136, 83, 136
RGB Percent	53%, 33%, 53%
CMY	0.4673, 0.6751, 0.4673
CMYK	0.00, 0.39, 0.00, 0.47
HSL	300°, 24%, 43%
HSV	300°, 39%, 53%
XYZ	17.6421, 13.1578, 24.8438
YIQ	104.8890, 14.5750, 27.7190

Conversions

Conversions Part 2

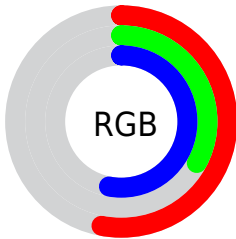
Format	Color
R_{YB}	136, 83, 136
Decimal	8934280
CIE _{Lab}	43.00, 30.91, -20.49
CIE _{LCh}	43, 37.080, 326.458
Yxy	13.1578, 0.3171, 0.2365
Android (android.graphics.Color)	4287124360 (0xFF885388)
YUV	104.8890, 15.3377, 27.2843
Hunter-Lab	36.2736, 23.3365, -15.2162

Details

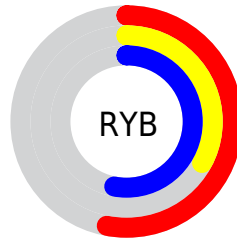
The CIELCh color $43, 37.080, 326.458$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $52, 37.133, 141.632$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 36.630, 326.519$, and $23, 37.371, 326.626$ is the 20% darker color. If you saturate the color by 10%, you get $40, 45.902, 326.920$, and if you desaturate by 10%, it is $46, 27.757, 325.959$.

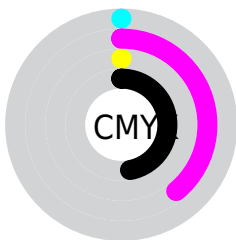
Distribution



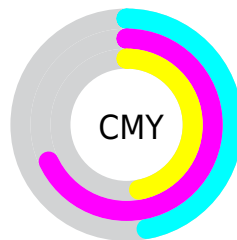
- Red (53%)
- Green (33%)
- Blue (53%)



- Red (53%)
- Yellow (33%)
- Blue (53%)



- Cyan (0%)
- Magenta (39%)
- Yellow (0%)
- Black (47%)





- Cyan (47%)
- Magenta (68%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 37.080, 326.458 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, 37.080, 326.458 by changing the saturation by 10% instead.


 43, 37.080,
326.458


 43, 37.080,
326.458


 100, 37.080,
326.458


 33, 37.080,
326.458

 63, 37.080,
326.458


 23, 37.080,
326.458

 73, 37.080,
326.458

 13, 37.080,
326.458


 83, 37.080,
326.458

 3, 37.080, 326.458

 93, 37.080,
326.458

 0, 37.080, 326.458

 43, 37.080,

 43, 37.080,

326.458

40, 45.902,
326.920

37, 53.913,
327.330

35, 60.764,
327.671

34, 66.137,
327.933

33, 69.820,
328.110

32, 72.148,
328.221

32, 72.372,
328.231

326.458

46, 27.757,
325.959

50, 18.196,
325.435

53, 8.588, 324.894

57, 0.932, 144.598

61, 10.274,
143.892

65, 19.386,
143.382

69, 28.236,
142.899

73, 36.815,
142.442

■ 77, 45.120,
142.011

Harmonies

Complementary

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



43, 37.080, 326.458



52, 37.133, 141.632

Rectangle

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



43, 37.080, 326.458



43, 37.080, 16.458



43, 37.080, 146.458



43, 37.080, 196.458

Sweetspot

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



43, 37.078, 326.458



66, 14.157, 325.073



38, 32.102, 294.525



34, 9.469, 325.132



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



43, 37.078, 326.458



52, 54.480, 326.877



42, 26.940, 346.378



27, 5.441, 324.903



31, 71.116, 328.231



0, 2.512, 324.438

Inverse Universe

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



41, 24.015, 22.950



49, 36.767, 24.422



52, 25.853, 159.127



27, 3.148, 19.881



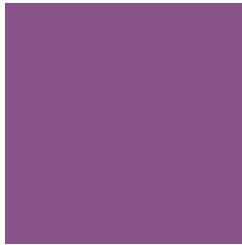
27, 63.128, 38.657



0, 1.414, 19.402

Previews

White Background



This preview shows how the CIELCh color 43, 37.080, 326.458 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 43, 37.080, 326.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

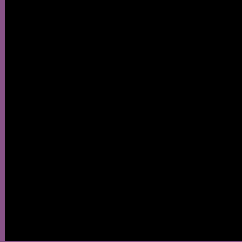
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 37.080, 326.458

Background



This preview shows how black text looks on a background with the CIELCh color 43, 37.080, 326.458.



This preview shows how white text looks on a background with the CIELCh color 43, 37.080, 326.458.

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, 37.080, 326.458

Protanopia

43, 29.614, 285.543

Deuteranopia

43, 19.890, 287.854



Tritanopia
43, 17.701, 8.398

Trichromacy



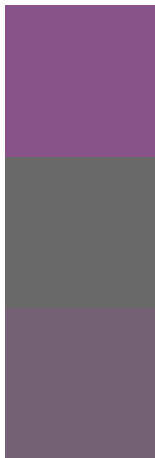
Original Color
43, 37.080, 326.458

Protanomaly
43, 30.446, 300.871

Deuteranomaly
43, 24.934, 307.121

Tritanomaly
43, 23.214, 344.862

Monochromacy



Original Color
43, 37.080, 326.458

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 13.765, 325.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 37.080, 326.458 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(136, 83, 136)` looks like.

```
.text, #text, p{  
    color:rgb(136, 83, 136)  
}
```

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(136, 83, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 83, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 37.080, 326.458 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(136, 83, 136) }
```

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

```
.border{ border-color:rgb(136, 83, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 83, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 83, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 83, 136);  
box-shadow:4px 4px 4px 4px rgb(136, 83,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 37.080, 326.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 83, 136) }
```

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

```
.background{ background-color: rgb(136, 83,  
136) }
```

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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