

Converting Colors

CIELCh(44, 13.738, 343.284)

Have a look what the booklet for
CIELCh(44, 13.738, 343.284)
contains.

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Color

CIELCh(44, 13.580, 343.330)

Conversions

Conversions Part 1

Format	Color
Hex	7B616F
RGB	123, 97, 111
RGB Percent	48%, 38%, 44%
CMY	0.5187, 0.6206, 0.5657
CMYK	0.00, 0.21, 0.10, 0.52
HSL	328°, 12%, 43%
HSV	328°, 21%, 48%
XYZ	15.2392, 13.8382, 16.8345
YIQ	106.3700, 11.0020, 9.8660

Conversions

Conversions Part 2

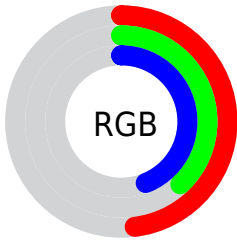
Format	Color
R_{YB}	123, 97, 111
Decimal	8085871
CIE _{Lab}	44.00, 13.01, -3.90
CIE _{LCh}	44, 13.580, 343.330
Yxy	13.8382, 0.3319, 0.3014
Android (android.graphics.Color)	4286275951 (0xFF7B616F)
YUV	106.3700, 2.2826, 14.5845
Hunter-Lab	37.1997, 8.0244, -0.7915

Details

The CIELCh color **44, 13.580, 343.330** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 13.297, 159.916**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 13.622, 343.055**, and **24, 13.784, 344.030** is the 20% darker color. If you saturate the color by 10%, you get **41, 20.084, 344.282**, and if you desaturate by 10%, it is **48, 7.102, 342.462**.

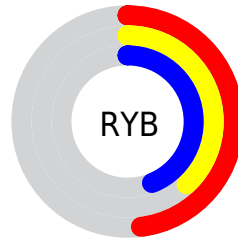
Distribution



Red (48%)

Green (38%)

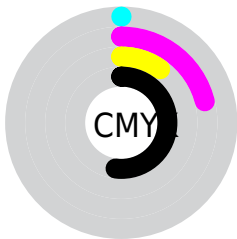
Blue (44%)



Red (48%)

Yellow (38%)

Blue (44%)

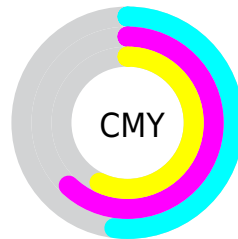


Cyan (0%)

Magenta (21%)

Yellow (10%)

Black (52%)



Cyan (52%)


Magenta (62%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 13.580, 343.330 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, 13.580, 343.330 by changing the saturation by 10% instead.


 44, 13.580,
343.330


 44, 13.580,
343.330


 100, 13.580,
343.330


 34, 13.580,
343.330

 64, 13.580,
343.330


 24, 13.580,
343.330

 74, 13.580,
343.330

 14, 13.580,
343.330


 84, 13.580,
343.330

 4, 13.580, 343.330

 94, 13.580,
343.330

 0, 13.580, 343.330

 44, 13.580,

 44, 13.580,

343.330

343.330

41, 20.084,
344.282

48, 7.102, 342.462

37, 26.485,
345.345

51, 0.740, 341.354

34, 32.590,
346.561

55, 5.458, 161.060

32, 38.145,
347.983

58, 11.469,
160.374

29, 42.847,
349.687

62, 17.283,
159.754

28, 46.402,
351.778

66, 22.901,
159.179

26, 48.611,
354.383

70, 28.332,
158.645

26, 49.981,
356.940

73, 33.585,
158.146

77, 38.672,

Harmonies

Complementary

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



44, 13.580, 343.330



49, 13.297, 159.916

Rectangle

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



44, 13.580, 343.330



44, 13.580, 33.330



44, 13.580, 163.330



44, 13.580, 213.330

Sweetspot

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



44, 13.578, 343.332



63, 4.729, 342.032



43, 16.375, 308.311



33, 3.163, 342.076



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



44, 13.578, 343.332



55, 20.036, 343.742



44, 11.212, 16.930



24, 3.565, 342.284



26, 50.612, 357.013



55, 84.616, 359.219

Inverse Universe

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



44, 13.578, 343.332



55, 20.036, 343.742



50, 9.938, 193.946



24, 3.565, 342.284



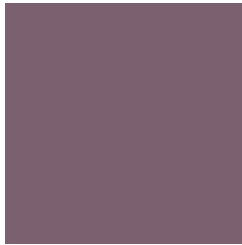
26, 50.612, 357.013



55, 84.616, 359.219

Previews

White Background



This preview shows how the CIELCh color 44, 13.580, 343.330 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, 13.580, 343.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

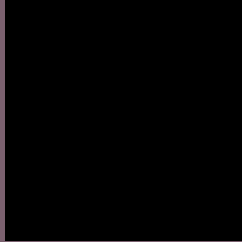
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 13.580, 343.330

Background



This preview shows how black text looks on a background with the CIELCh color 44, 13.580, 343.330.



This preview shows how white text looks on a background with the CIELCh color 44, 13.580, 343.330.

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, 13.580, 343.330

Protanopia

44, 7.198, 291.208

Deuteranopia

44, 7.049, 330.442



Tritanopia
44, 10.905, 358.426

Trichromacy



Original Color
44, 13.580, 343.330

Protanomaly
44, 8.099, 317.708

Deuteranomaly
44, 9.619, 337.502

Tritanomaly
44, 11.357, 352.792

Monochromacy



Original Color
44, 13.580, 343.330

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 4.779, 341.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 13.580, 343.330 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(123, 97, 111)` looks like.

```
.text, #text, p{  
    color:rgb(123, 97, 111)  
}
```

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(123, 97, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 97, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 13.580, 343.330 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(123, 97, 111) }
```

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

```
.border{ border-color:rgb(123, 97, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 97, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 97, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 97, 111);  
box-shadow:4px 4px 4px 4px rgb(123, 97,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 13.580, 343.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 97, 111) }
```

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

```
.background{ background-color: rgb(123, 97,  
111) }
```

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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