

Converting Colors

CIELCh(44, 12.383, 345.480)

Have a look what the booklet for
CIELCh(44, 12.383, 345.480)
contains.

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Color

CIELCh(44, 12.590, 346.481)

Conversions

Conversions Part 1

Format	Color
Hex	7A616D
RGB	122, 97, 109
RGB Percent	48%, 38%, 43%
CMY	0.5209, 0.6189, 0.5719
CMYK	0.00, 0.20, 0.11, 0.52
HSL	331°, 11%, 43%
HSV	331°, 20%, 48%
XYZ	15.1103, 13.8382, 16.3904
YIQ	105.8430, 11.0480, 9.0320

Conversions

Conversions Part 2

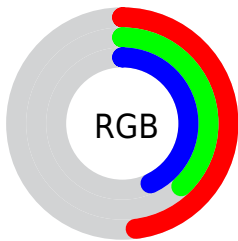
Format	Color
R_{YB}	122, 97, 109
Decimal	8020333
CIE _{Lab}	44.00, 12.24, -2.94
CIE _{LCh}	44, 12.590, 346.481
Yxy	13.8382, 0.3333, 0.3052
Android (android.graphics.Color)	4286210413 (0xFF7A616D)
YUV	105.8430, 1.5564, 14.1697
Hunter-Lab	37.1997, 7.4058, -0.0837

Details

The CIELCh color $44, 12.590, 346.481$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 12.254, 163.023$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 12.394, 348.107$, and $24, 13.072, 345.024$ is the 20% darker color. If you saturate the color by 10%, you get $41, 18.868, 347.505$, and if you desaturate by 10%, it is $48, 6.369, 345.557$.

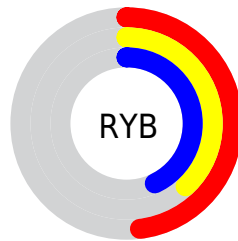
Distribution



Red (48%)

Green (38%)

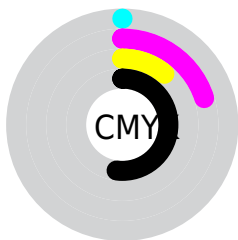
Blue (43%)



Red (48%)

Yellow (38%)

Blue (43%)

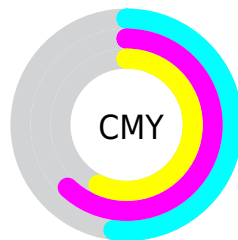


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (52%)



Cyan (52%)

Magenta (62%)

Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 12.590, 346.481 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, 12.590, 346.481 by changing the saturation by 10% instead.


 44, 12.590,
346.481


 44, 12.590,
346.481


 100, 12.590,
346.481


 34, 12.590,
346.481

 64, 12.590,
346.481

 24, 12.590,
346.481

 74, 12.590,
346.481

 14, 12.590,
346.481


 84, 12.590,
346.481

 4, 12.590, 346.481

 94, 12.590,
346.481

 0, 12.590, 346.481

 44, 12.590,

 44, 12.590,

346.481

346.481

41, 18.868,
347.505

48, 6.369, 345.557

37, 25.087,
348.664

51, 0.285, 343.775

55, 5.623, 164.092

34, 31.069,
350.008

58, 11.335,
163.384

32, 36.573,
351.602

62, 16.848,
162.746

29, 41.311,
353.539

66, 22.164,
162.158

27, 45.000,
355.941

70, 27.295,
161.613

26, 47.444,
358.953

73, 32.251,
161.106

25, 49.148, 2.185

77, 37.045,

Harmonies

Complementary

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



44, 12.590, 346.481



49, 12.254, 163.023

Rectangle

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



44, 12.590, 346.481



44, 12.590, 36.481



44, 12.590, 166.481



44, 12.590, 216.481

Sweetspot

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



44, 12.588, 346.483



62, 4.485, 345.162



43, 15.941, 310.544



32, 2.960, 345.207



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 12.588, 346.483



54, 19.066, 346.993



44, 10.626, 22.088



24, 3.426, 345.431



26, 49.939, 2.294



54, 83.827, 4.885

Inverse Universe

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



44, 12.588, 346.483



54, 19.066, 346.993



49, 9.336, 199.946



24, 3.426, 345.431



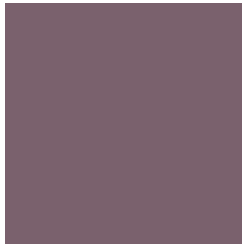
26, 49.939, 2.294



54, 83.827, 4.885

Previews

White Background



This preview shows how the CIE LCh color 44, 12.590, 346.481 looks on a white background.

Color Contrast Check

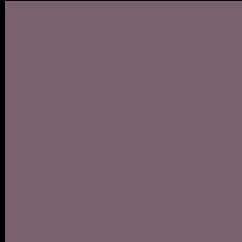
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 12.590, 346.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

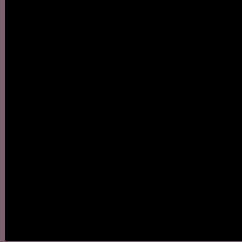
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 12.590, 346.481

Background



This preview shows how black text looks on a background with the CIELCh color 44, 12.590, 346.481.



This preview shows how white text looks on a background with the CIELCh color 44, 12.590, 346.481.

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, 12.590, 346.481

Protanopia

44, 5.400, 286.738

Deuteranopia

44, 6.193, 337.617



Tritanopia
44, 10.905, 358.426

Trichromacy



Original Color
44, 12.590, 346.481

Protanomaly
44, 6.843, 319.164

Deuteranomaly
44, 8.180, 344.734

Tritanomaly
44, 11.357, 352.792

Monochromacy



Original Color
44, 12.590, 346.481

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 4.435, 347.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 12.590, 346.481 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(122, 97, 109)` looks like.

```
.text, #text, p{  
    color:rgb(122, 97, 109)  
}
```

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(122, 97, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 97, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 12.590, 346.481 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(122, 97, 109) }
```

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

```
.border{ border-color:rgb(122, 97, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 97, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 97, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 97, 109);  
box-shadow:4px 4px 4px 4px rgb(122, 97,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 12.590, 346.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 97, 109) }
```

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

```
.background{ background-color: rgb(122, 97,  
109) }
```

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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