

Converting Colors

CIELCh(43, 12.220, 344.363)

Have a look what the booklet for
CIELCh(43, 12.220, 344.363)
contains.

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Color

CIELCh(43, 12.290, 345.318)

Conversions

Conversions Part 1

Format	Color
Hex	775F6B
RGB	119, 95, 107
RGB Percent	47%, 37%, 42%
CMY	0.5335, 0.6276, 0.5805
CMYK	0.00, 0.20, 0.10, 0.53
HSL	330°, 11%, 42%
HSV	330°, 20%, 47%
XYZ	14.3433, 13.1578, 15.6834
YIQ	103.5440, 10.4520, 8.8200

Conversions

Conversions Part 2

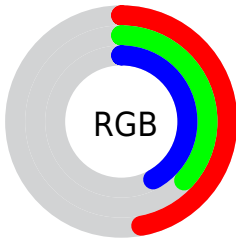
Format	Color
R_{YB}	119, 95, 107
Decimal	7823211
CIE _{Lab}	43.00, 11.89, -3.11
CIE _{LCh}	43, 12.290, 345.318
Yxy	13.1578, 0.3321, 0.3047
Android (android.graphics.Color)	4286013291 (0xFF775F6B)
YUV	103.5440, 1.7038, 13.5549
Hunter-Lab	36.2736, 7.1033, -0.2433

Details

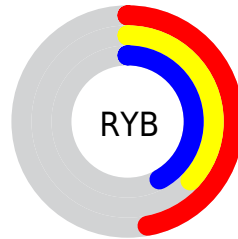
The CIELCh color $43, 12.290, 345.318$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 11.996, 161.985$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 11.774, 345.969$, and $23, 12.028, 344.751$ is the 20% darker color. If you saturate the color by 10%, you get $40, 18.497, 346.308$, and if you desaturate by 10%, it is $46, 6.134, 344.419$.

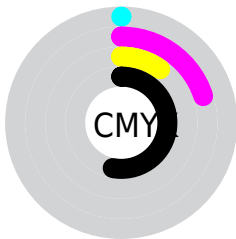
Distribution



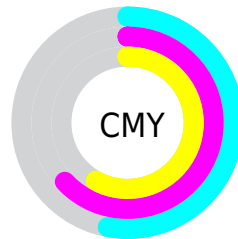
- Red (47%)
- Green (37%)
- Blue (42%)



- Red (47%)
- Yellow (37%)
- Blue (42%)



- Cyan (0%)
- Magenta (20%)
- Yellow (10%)
- Black (53%)





- Cyan (53%)
- Magenta (63%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 12.290, 345.318 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, 12.290, 345.318 by changing the saturation by 10% instead.


 43, 12.290,
345.318


 43, 12.290,
345.318


 100, 12.290,
345.318


 33, 12.290,
345.318

 63, 12.290,
345.318


 23, 12.290,
345.318

 73, 12.290,
345.318

 13, 12.290,
345.318

 83, 12.290,
345.318

 3, 12.290, 345.318

 93, 12.290,
345.318

 0, 12.290, 345.318

 43, 12.290,

 43, 12.290,

345.318

40, 18.497,
346.308

37, 24.642,
347.422

34, 30.548,
348.705

31, 35.982,
350.218

29, 40.662,
352.043

27, 44.304,
354.295

25, 46.708,
357.111

24, 48.403, 0.229

345.318

46, 6.134, 344.419

50, 0.106, 341.060

54, 5.752, 162.987

57, 11.422,
162.292

61, 16.898,
161.664

64, 22.185,
161.084

68, 27.289,
160.546

72, 32.224,
160.044

75, 37.000,

159.575

Harmonies

Complementary

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



43, 12.290, 345.318



48, 11.996, 161.985

Rectangle

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



43, 12.290, 345.318



43, 12.290, 35.318



43, 12.290, 165.318



43, 12.290, 215.318

Sweetspot

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



43, 12.288, 345.320



62, 4.486, 344.060



42, 15.316, 309.963



32, 3.000, 344.105



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



43, 12.288, 345.320



54, 18.273, 345.746



43, 10.399, 20.760



23, 3.351, 344.318



25, 49.387, 0.363



54, 83.348, 2.895

Inverse Universe

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



43, 12.288, 345.320



54, 18.273, 345.746



48, 9.168, 198.435



23, 3.351, 344.318



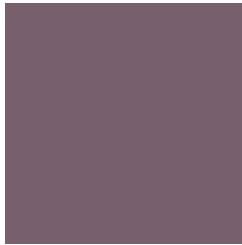
25, 49.387, 0.363



54, 83.348, 2.895

Previews

White Background



This preview shows how the CIELCh color 43, 12.290, 345.318 looks on a white background.

Color Contrast Check

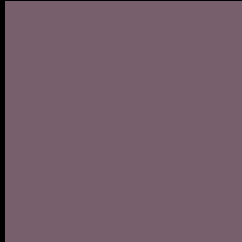
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.290, 345.318 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, 12.290, 345.318

Background



This preview shows how black text looks on a background with the CIELCh color 43, 12.290, 345.318.



This preview shows how white text looks on a background with the CIELCh color 43, 12.290, 345.318.

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, 12.290, 345.318

Protanopia

43, 6.021, 291.055

Deuteranopia

43, 6.213, 337.629



Tritanopia
43, 10.159, 356.462

Trichromacy



Original Color
43, 12.290, 345.318

Protanomaly
43, 7.597, 319.757

Deuteranomaly
43, 7.873, 342.899

Tritanomaly
43, 10.394, 353.415

Monochromacy



Original Color
43, 12.290, 345.318

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 4.105, 344.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 12.290, 345.318 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(119, 95, 107)` looks like.

```
.text, #text, p{  
    color:rgb(119, 95, 107)  
}
```

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(119, 95, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 95, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 12.290, 345.318 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(119, 95, 107) }
```

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

```
.border{ border-color:rgb(119, 95, 107) }
```

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

Here you see how a box with a 4 pixel rgb(119, 95, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 95, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 95, 107);  
box-shadow:4px 4px 4px 4px rgb(119, 95,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 12.290, 345.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 95, 107) }
```

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

```
.background{ background-color: rgb(119, 95,  
107) }
```

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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