

Converting Colors

CIELCh(43, 13.313, 345.467)

Have a look what the booklet for
CIELCh(43, 13.313, 345.467)
contains.

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Color

CIELCh(43, 13.311, 345.462)

Conversions

Conversions Part 1

Format	Color
Hex	785E6B
RGB	120, 94, 107
RGB Percent	47%, 37%, 42%
CMY	0.5279, 0.6300, 0.5790
CMYK	0.00, 0.22, 0.11, 0.53
HSL	330°, 12%, 42%
HSV	330°, 22%, 47%
XYZ	14.5049, 13.1578, 15.7852
YIQ	103.2560, 11.3230, 9.5550

Conversions

Conversions Part 2

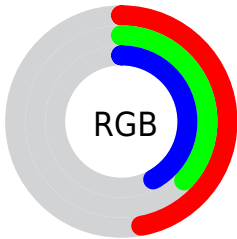
Format	Color
R_{YB}	120, 94, 107
Decimal	7888491
CIE _{Lab}	43.00, 12.88, -3.34
CIE _{LCh}	43, 13.311, 345.462
Yxy	13.1578, 0.3338, 0.3028
Android (android.graphics.Color)	4286078571 (0xFF785E6B)
YUV	103.2560, 1.8458, 14.6845
Hunter-Lab	36.2736, 7.8986, -0.4097

Details

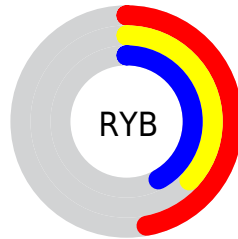
The CIELCh color $43, 13.311, 345.462$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 12.970, 161.852$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 13.051, 347.019$, and $23, 13.136, 345.094$ is the 20% darker color. If you saturate the color by 10%, you get $40, 19.577, 346.470$, and if you desaturate by 10%, it is $46, 7.082, 344.552$.

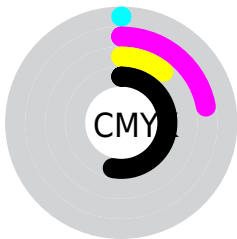
Distribution



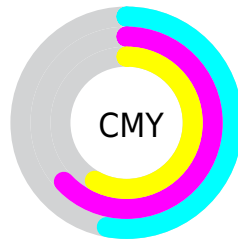
- Red (47%)
- Green (37%)
- Blue (42%)



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



- Cyan (0%)
- Magenta (22%)
- Yellow (11%)
- Black (53%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 13.311, 345.462 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, 13.311, 345.462 by changing the saturation by 10% instead.


 43, 13.311,
345.462


 43, 13.311,
345.462


 100, 13.311,
345.462


 33, 13.311,
345.462


 63, 13.311,
345.462


 23, 13.311,
345.462


 73, 13.311,
345.462

 13, 13.311,
345.462


 83, 13.311,
345.462

 3, 13.311, 345.462

 93, 13.311,
345.462

 0, 13.311, 345.462

 43, 13.311,

 43, 13.311,

345.462

345.462

40, 19.577,
346.470

46, 7.082, 344.552

36, 25.758,
347.607

50, 0.974, 343.496

34, 31.667,
348.922

54, 4.967, 163.101

31, 37.058,
350.478

57, 10.719,
162.391

29, 41.641,
352.363

61, 16.276,
161.754

27, 45.136,
354.696

65, 21.640,
161.167

26, 47.363,
357.617

68, 26.818,
160.623

25, 48.807, 0.293

72, 31.823,
160.116

76, 36.667,

Harmonies

Complementary

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



43, 13.311, 345.462



48, 12.970, 161.852

Rectangle

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



43, 13.311, 345.462



43, 13.311, 35.462



43, 13.311, 165.462



43, 13.311, 215.462

Sweetspot

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



43, 13.309, 345.464



62, 4.486, 344.065



42, 16.601, 310.034



32, 3.000, 344.110



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, 13.309, 345.464



53, 19.819, 345.955



43, 11.311, 20.892



24, 3.472, 344.329



26, 50.112, 0.467



54, 83.987, 2.930

Inverse Universe

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



43, 13.309, 345.464



53, 19.819, 345.955



49, 9.874, 198.365



24, 3.472, 344.329



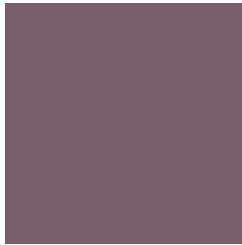
26, 50.112, 0.467



54, 83.987, 2.930

Previews

White Background



This preview shows how the CIELCh color 43, 13.311, 345.462 looks on a white background.

Color Contrast Check

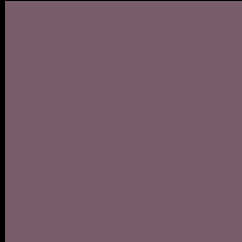
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.311, 345.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

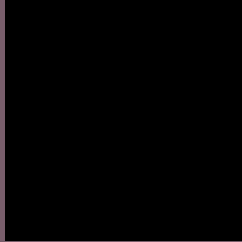
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 13.311, 345.462

Background



This preview shows how black text looks on a background with the CIELCh color 43, 13.311, 345.462.



This preview shows how white text looks on a background with the CIELCh color 43, 13.311, 345.462.

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, 13.311, 345.462

Protanopia

43, 6.021, 291.055

Deuteranopia

43, 6.354, 331.035



Tritanopia
43, 11.562, 356.584

Trichromacy



Original Color
43, 13.311, 345.462

Protanomaly
43, 7.597, 319.757

Deuteranomaly
43, 8.952, 338.463

Tritanomaly
43, 12.047, 351.316

Monochromacy



Original Color
43, 13.311, 345.462

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 5.134, 344.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 13.311, 345.462 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(120, 94, 107)` looks like.

```
.text, #text, p{  
    color:rgb(120, 94, 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(120, 94, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 94, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 13.311, 345.462 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(120, 94, 107) }
```

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

```
.border{ border-color:rgb(120, 94, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 94, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 94, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 94, 107); box-shadow:4px 4px 4px 4px rgb(120, 94, 107) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 13.311, 345.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 94, 107) }
```

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

```
.background{ background-color: rgb(120, 94,  
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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