

Converting Colors

CIELCh(43, 13.283, 343.756)

Have a look what the booklet for
CIELCh(43, 13.283, 343.756)
contains.

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Color

CIELCh(43, 13.644, 343.372)

Conversions

Conversions Part 1

Format	Color
Hex	785E6C
RGB	120, 94, 108
RGB Percent	47%, 37%, 42%
CMY	0.5283, 0.6303, 0.5754
CMYK	0.00, 0.22, 0.10, 0.53
HSL	328°, 12%, 42%
HSV	328°, 22%, 47%
XYZ	14.5356, 13.1578, 16.0403
YIQ	103.3700, 11.0020, 9.8660

Conversions

Conversions Part 2

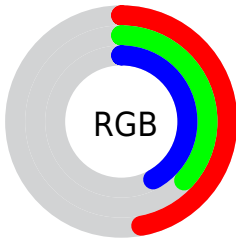
Format	Color
R_{YB}	120, 94, 108
Decimal	7888492
CIE Lab	43.00, 13.07, -3.90
CIE LCh	43, 13.644, 343.372
Yxy	13.1578, 0.3324, 0.3009
Android (android.graphics.Color)	4286078572 (0xFF785E6C)
YUV	103.3700, 2.2826, 14.5845
Hunter-Lab	36.2736, 8.0499, -0.8267

Details

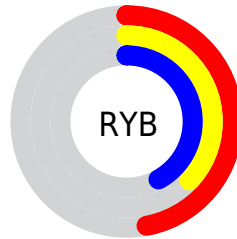
The CIELCh color $43, 13.644, 343.372$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 13.354, 159.883$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 13.352, 345.002$, and $23, 13.501, 342.758$ is the 20% darker color. If you saturate the color by 10%, you get $40, 20.039, 344.326$, and if you desaturate by 10%, it is $46, 7.270, 342.503$.

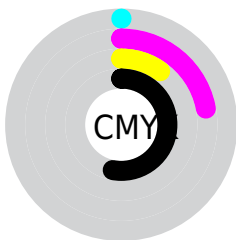
Distribution



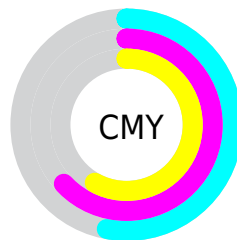
- Red (47%)
- Green (37%)
- Blue (42%)



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



- Cyan (0%)
- Magenta (22%)
- Yellow (10%)
- Black (53%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 13.644, 343.372 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, 13.644, 343.372 by changing the saturation by 10% instead.


 43, 13.644,
343.372


 43, 13.644,
343.372


 100, 13.644,
343.372


 33, 13.644,
343.372

 63, 13.644,
343.372


 23, 13.644,
343.372

 73, 13.644,
343.372

 13, 13.644,
343.372

 83, 13.644,
343.372

 3, 13.644, 343.372

 93, 13.644,
343.372

 0, 13.644, 343.372

 43, 13.644,

 43, 13.644,

343.372

40, 20.039,
344.326

37, 26.328,
345.392

34, 32.318,
346.612

31, 37.758,
348.039

29, 42.352,
349.751

27, 45.813,
351.851

26, 47.949,
354.467

25, 49.277,
356.864

343.372

46, 7.270, 342.503

50, 1.007, 341.494

54, 5.098, 161.100

57, 11.018,
160.411

61, 16.746,
159.789

64, 22.281,
159.214

68, 27.632,
158.678

72, 32.808,
158.178

75, 37.820,

Harmonies

Complementary

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



43, 13.644, 343.372



48, 13.354, 159.883

Rectangle

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



43, 13.644, 343.372



43, 13.644, 33.372



43, 13.644, 163.372



43, 13.644, 213.372

Sweetspot

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



43, 13.642, 343.374



62, 4.606, 342.035



42, 16.457, 308.332



32, 3.080, 342.079



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, 13.642, 343.374



53, 20.304, 343.838



43, 11.278, 16.972



24, 3.564, 342.289



26, 50.611, 357.022



55, 84.614, 359.228

Inverse Universe

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



43, 13.642, 343.374



53, 20.304, 343.838



49, 9.971, 193.921



24, 3.564, 342.289



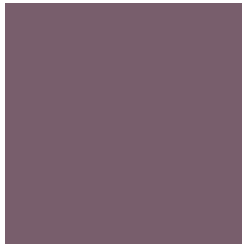
26, 50.611, 357.022



55, 84.614, 359.228

Previews

White Background



This preview shows how the CIELCh color 43, 13.644, 343.372 looks on a white background.

Color Contrast Check

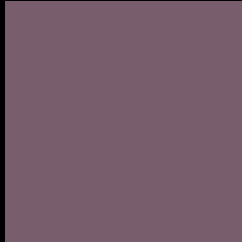
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.644, 343.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

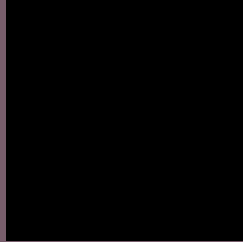
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 13.644, 343.372

Background



This preview shows how black text looks on a background with the CIELCh color 43, 13.644, 343.372.



This preview shows how white text looks on a background with the CIELCh color 43, 13.644, 343.372.

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, 13.644, 343.372

Protanopia

43, 6.627, 287.723

Deuteranopia

43, 6.354, 331.035



Tritanopia
43, 11.562, 356.584

Trichromacy



Original Color
43, 13.644, 343.372

Protanomaly
43, 7.952, 315.081

Deuteranomaly
43, 8.952, 338.463

Tritanomaly
43, 12.047, 351.316

Monochromacy



Original Color
43, 13.644, 343.372

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 5.501, 339.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 13.644, 343.372 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(120, 94, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 94, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 13.644, 343.372 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, 108) }
```

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

```
.border{ border-color:rgb(120, 94, 108) }
```

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, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 94, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 94, 108); box-shadow:4px 4px 4px 4px rgb(120, 94, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 13.644, 343.372 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, 108) }
```

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

```
.background{ background-color: rgb(120, 94,  
108) }
```

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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