

Converting Colors

CIELCh(43, 17.018, 344.989)

Have a look what the booklet for
CIELCh(43, 17.018, 344.989)
contains.

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Color

CIELCh(43, 16.986, 345.089)

Conversions

Conversions Part 1

Format	Color
Hex	7D5C6D
RGB	125, 92, 109
RGB Percent	49%, 36%, 43%
CMY	0.5092, 0.6386, 0.5720
CMYK	0.00, 0.26, 0.13, 0.51
HSL	329°, 15%, 43%
HSV	329°, 26%, 49%
XYZ	15.0873, 13.1578, 16.2538
YIQ	103.8050, 14.2110, 12.2830

Conversions

Conversions Part 2

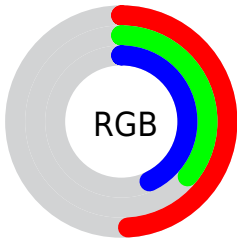
Format	Color
R_{YB}	125, 92, 109
Decimal	8215661
CIE Lab	43.00, 16.41, -4.37
CIE LCh	43, 16.986, 345.089
Yxy	13.1578, 0.3390, 0.2957
Android (android.graphics.Color)	4286405741 (0xFF7D5C6D)
YUV	103.8050, 2.5611, 18.5880
Hunter-Lab	36.2736, 10.7645, -1.1756

Details

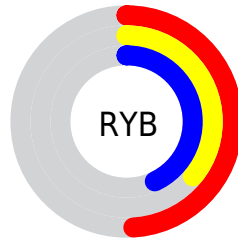
The CIELCh color $[43, 16.986, 345.089]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[50, 16.497, 160.591]$, and the grayscale version is $[44, 0.006, 296.813]$.

A 20% lighter version of the original color is $[63, 17.141, 345.393]$, and $[23, 16.724, 344.086]$ is the 20% darker color. If you saturate the color by 10%, you get $[40, 23.480, 346.136]$, and if you desaturate by 10%, it is $[47, 10.465, 344.153]$.

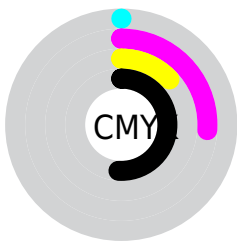
Distribution



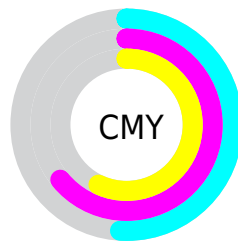
- Red (49%)
- Green (36%)
- Blue (43%)



- Red (49%)
- Yellow (36%)
- Blue (43%)



- Cyan (0%)
- Magenta (26%)
- Yellow (13%)
- Black (51%)





- Cyan (51%)
- Magenta (64%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 16.986, 345.089 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, 16.986, 345.089 by changing the saturation by 10% instead.


 43, 16.986,
345.089


 43, 16.986,
345.089


 100, 16.986,
345.089


 33, 16.986,
345.089

 63, 16.986,
345.089


 23, 16.986,
345.089

 73, 16.986,
345.089

 13, 16.986,
345.089


 83, 16.986,
345.089

 3, 16.986, 345.089

 93, 16.986,
345.089

 0, 16.986, 345.089

 43, 16.986,

 43, 16.986,

345.089

345.089

40, 23.480,
346.136

47, 10.465,
344.153

36, 29.790,
347.326

50, 4.030, 343.273

34, 35.686,
348.713

54, 2.256, 162.706

58, 8.357, 161.913

31, 40.885,
350.368

61, 14.258,
161.252

29, 45.076,
352.391

65, 19.958,
160.646

27, 48.002,
354.908

69, 25.463,
160.084

26, 49.726,
357.977

73, 30.781,
159.561

26, 50.341,
359.100

76, 35.926,

Harmonies

Complementary

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



43, 16.986, 345.089



50, 16.497, 160.591

Rectangle

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



43, 16.986, 345.089



43, 16.986, 35.089



43, 16.986, 165.089



43, 16.986, 215.089

Sweetspot

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



43, 16.984, 345.091



63, 6.299, 343.435



42, 20.983, 309.717



32, 4.460, 343.549



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



43, 16.984, 345.091



53, 25.664, 345.745



43, 14.478, 20.081



25, 3.630, 343.516



27, 51.008, 359.181



0, 0.000, 0.000

Inverse Universe

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



43, 16.984, 345.091



53, 25.664, 345.745



50, 12.283, 196.621



25, 3.630, 343.516



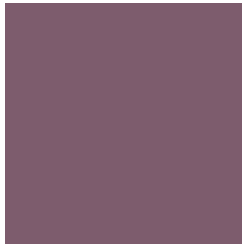
27, 51.008, 359.181



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 16.986, 345.089 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 43, 16.986, 345.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

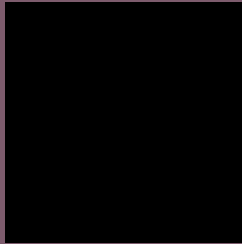
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 16.986, 345.089

Background



This preview shows how black text looks on a background with the CIELCh color 43, 16.986, 345.089.



This preview shows how white text looks on a background with the CIELCh color 43, 16.986, 345.089.

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, 16.986, 345.089

Protanopia

43, 8.428, 288.741

Deuteranopia

43, 6.817, 327.745



Tritanopia
43, 13.413, 3.174

Trichromacy



Original Color
43, 16.986, 345.089

Protanomaly
43, 10.103, 317.301

Deuteranomaly
43, 9.954, 339.227

Tritanomaly
43, 14.580, 354.716

Monochromacy



Original Color
43, 16.986, 345.089

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 6.152, 344.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 16.986, 345.089 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(125, 92, 109)` looks like.

```
.text, #text, p{  
    color:rgb(125, 92, 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(125, 92, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 92, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 16.986, 345.089 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(125, 92, 109) }
```

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

```
.border{ border-color:rgb(125, 92, 109) }
```

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

Here you see how a box with a 4 pixel rgb(125, 92, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 92, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 92, 109);  
box-shadow:4px 4px 4px 4px rgb(125, 92,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 16.986, 345.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 92, 109) }
```

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

```
.background{ background-color: rgb(125, 92,  
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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