

Converting Colors

CIELCh(43, 21.445, 313.576)

Have a look what the booklet for
CIELCh(43, 21.445, 313.576)
contains.

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Color

CIELCh(43, 21.388, 313.770)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 725E7F |
| RGB | 114, 94, 127 |
| RGB Percent | 45%, 37%, 50% |
| CMY | 0.5523, 0.6308, 0.5013 |
| CMYK | 0.10, 0.26, 0.00, 0.50 |
| HSL | 276°, 15%, 43% |
| HSV | 276°, 26%, 50% |
| XYZ | 14.8183, 13.1578, 21.8931 |
| YIQ | 103.7420, 1.3270, 14.5030 |

Conversions

Conversions Part 2

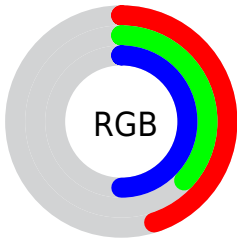
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 114, 94, 127 |
| Decimal | 7495295 |
| CIE _{Lab} | 43.00, 14.80, -15.44 |
| CIE _{LCh} | 43, 21.388, 313.770 |
| Yxy | 13.1578, 0.2971, 0.2638 |
| Android (android.graphics.Color) | 4285685375 (0xFF725E7F) |
| YUV | 103.7420, 11.4662, 8.9963 |
| Hunter-Lab | 36.2736, 9.4408, -10.3932 |

Details

The CIELCh color **43, 21.388, 313.770** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **51, 20.840, 131.569**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 21.129, 313.307**, and **23, 21.325, 314.029** is the 20% darker color. If you saturate the color by 10%, you get **39, 29.860, 314.215**, and if you desaturate by 10%, it is **47, 13.011, 313.330**.

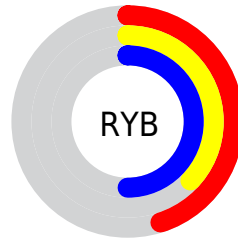
Distribution



Red (45%)

Green (37%)

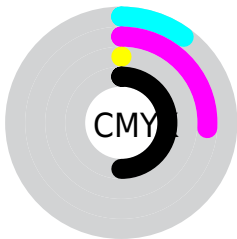
Blue (50%)



Red (45%)

Yellow (37%)

Blue (50%)

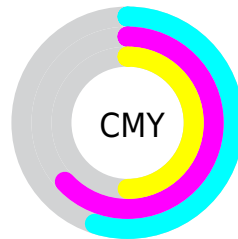


Cyan (10%)

Magenta (26%)

Yellow (0%)

Black (50%)



Cyan (55%)


Magenta (63%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 21.388, 313.770 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, 21.388, 313.770 by changing the saturation by 10% instead.


 43, 21.388,
313.770


 43, 21.388,
313.770


 100, 21.388,
313.770


 33, 21.388,
313.770

 63, 21.388,
313.770


 23, 21.388,
313.770

 73, 21.388,
313.770

 13, 21.388,
313.770

 83, 21.388,
313.770

 3, 21.388, 313.770

 93, 21.388,
313.770

 0, 21.388, 313.770

 43, 21.388,

 43, 21.388,

313.770

39, 29.860,
314.215

35, 38.319,
314.646

32, 46.580,
315.031

29, 54.369,
315.326

26, 61.307,
315.468

23, 66.941,
315.383

21, 71.030,
315.036

21, 72.651,
314.917

313.770

47, 13.011,
313.330

51, 4.802, 312.899

55, 3.207, 132.568

59, 10.997,
132.187

63, 18.564,
131.858

67, 25.910,
131.565

71, 33.043,
131.303

75, 39.970,
131.071

■ 79, 46.702,
130.866

Harmonies

Complementary

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



43, 21.388, 313.770



51, 20.840, 131.569

Rectangle

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



43, 21.388, 313.770



43, 21.388, 3.770



43, 21.388, 133.770



43, 21.388, 183.770

Sweetspot

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



43, 21.387, 313.770



64, 8.030, 312.996



45, 12.625, 269.214



33, 5.760, 313.053



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 21.387, 313.770



53, 31.880, 314.027



44, 22.002, 328.715



25, 4.570, 313.036



21, 72.791, 314.915



0, 0.000, 0.000

Inverse Universe

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



44, 15.781, 352.280



54, 23.529, 352.968



50, 21.971, 145.549



25, 3.358, 350.526



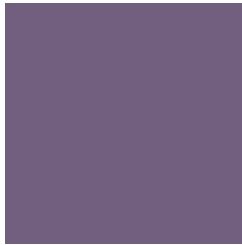
26, 50.633, 10.453



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 21.388, 313.770 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, 21.388, 313.770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

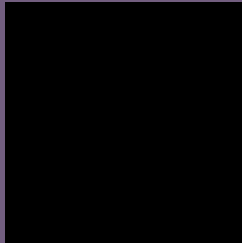
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 21.388, 313.770

Background



This preview shows how black text looks on a background with the CIELCh color 43, 21.388, 313.770.



This preview shows how white text looks on a background with the CIELCh color 43, 21.388, 313.770.

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, 21.388, 313.770

Protanopia

43, 18.772, 284.085

Deuteranopia

43, 15.650, 291.051



Tritanopia
43, 7.234, 338.718

Trichromacy



Original Color
43, 21.388, 313.770

Protanomaly
43, 18.703, 295.071

Deuteranomaly
43, 17.134, 301.416

Tritanomaly
43, 11.924, 321.877

Monochromacy



Original Color
43, 21.388, 313.770

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 7.939, 315.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 21.388, 313.770 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(114, 94, 127)` looks like.

```
.text, #text, p{  
    color:rgb(114, 94, 127)  
}
```

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(114, 94, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 94, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 21.388, 313.770 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(114, 94, 127) }
```

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

```
.border{ border-color:rgb(114, 94, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 94, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 94, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 94, 127);  
box-shadow:4px 4px 4px 4px rgb(114, 94,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 21.388, 313.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 94, 127) }
```

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

```
.background{ background-color: rgb(114, 94,  
127) }
```

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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