

Converting Colors

CIELCh(43, 22.638, 333.447)

Have a look what the booklet for
CIELCh(43, 22.638, 333.447)
contains.

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Color

CIELCh(43, 22.758, 332.921)

Conversions

Conversions Part 1

Format	Color
Hex	7F5A77
RGB	127, 90, 119
RGB Percent	50%, 35%, 47%
CMY	0.5019, 0.6470, 0.5333
CMYK	0.00, 0.29, 0.06, 0.50
HSL	313°, 17%, 43%
HSV	313°, 29%, 50%
XYZ	15.7400, 13.1578, 19.1647
YIQ	104.3690, 12.7430, 16.8630

Conversions

Conversions Part 2

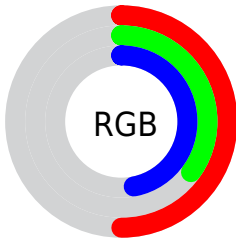
Format	Color
R_{YB}	127, 90, 119
Decimal	8346231
CIE _{Lab}	43.00, 20.26, -10.36
CIE _{LCh}	43, 22.758, 332.921
Yxy	13.1578, 0.3275, 0.2738
Android (android.graphics.Color)	4286536311 (0xFF7F5A77)
YUV	104.3690, 7.2131, 19.8474
Hunter-Lab	36.2736, 13.9766, -5.9335

Details

The CIELCh color $43, 22.758, 332.921$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $50, 22.640, 148.992$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 22.274, 333.018$, and $23, 22.541, 332.369$ is the 20% darker color. If you saturate the color by 10%, you get $40, 30.413, 333.600$, and if you desaturate by 10%, it is $46, 14.929, 332.265$.

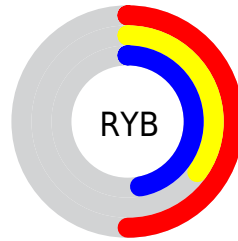
Distribution



Red (50%)

Green (35%)

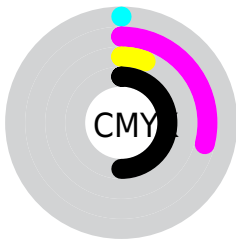
Blue (47%)



Red (50%)

Yellow (35%)

Blue (47%)

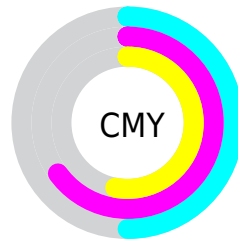


Cyan (0%)

Magenta (29%)

Yellow (6%)

Black (50%)



Cyan (50%)


Magenta (65%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 22.758, 332.921 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, 22.758, 332.921 by changing the saturation by 10% instead.


 43, 22.758,
332.921


 43, 22.758,
332.921


 100, 22.758,
332.921


 33, 22.758,
332.921

 63, 22.758,
332.921


 23, 22.758,
332.921

 73, 22.758,
332.921

 13, 22.758,
332.921

 83, 22.758,
332.921

 3, 22.758, 332.921

 93, 22.758,
332.921

 0, 22.758, 332.921

 43, 22.758,

 43, 22.758,

332.921

40, 30.413,
333.600

37, 37.682,
334.306

34, 44.285,
335.043

32, 49.896,
335.826

30, 54.192,
336.674

29, 56.934,
337.620

28, 58.483,
338.653

28, 58.618,
338.741

332.921

46, 14.929,
332.265

50, 7.088, 331.622

54, 0.662, 151.392

57, 8.258, 150.506

61, 15.660,
149.945

65, 22.852,
149.421

68, 29.829,
148.925

72, 36.594,
148.457

76, 43.155,

Harmonies

Complementary

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



43, 22.758, 332.921



50, 22.640, 148.992

Rectangle

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



43, 22.758, 332.921



43, 22.758, 22.921



43, 22.758, 152.921



43, 22.758, 202.921

Sweetspot

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



43, 22.756, 332.922



64, 8.687, 331.627



40, 22.797, 300.282



33, 6.088, 331.708



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, 22.756, 332.922



53, 33.902, 333.374



42, 17.009, 358.996



25, 4.389, 331.620



28, 58.779, 338.746



0, 0.000, 0.000

Inverse Universe

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



43, 22.756, 332.922



53, 33.902, 333.374



50, 15.663, 173.228



25, 4.389, 331.620



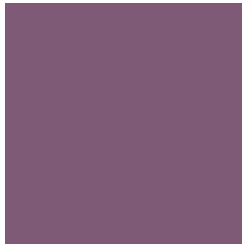
28, 58.779, 338.746



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 22.758, 332.921 looks on a white background.

Color Contrast Check

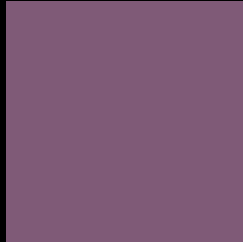
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.758, 332.921 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, 22.758, 332.921

Background



This preview shows how black text looks on a background with the CIELCh color 43, 22.758, 332.921.



This preview shows how white text looks on a background with the CIELCh color 43, 22.758, 332.921.

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, 22.758, 332.921

Protanopia

43, 15.103, 285.306

Deuteranopia

43, 11.060, 301.900



Tritanopia
43, 14.404, 2.127

Trichromacy



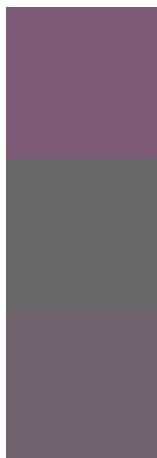
Original Color
43, 22.758, 332.921

Protanomaly
43, 16.210, 306.052

Deuteranomaly
43, 14.750, 317.340

Tritanomaly
43, 17.013, 347.688

Monochromacy



Original Color
43, 22.758, 332.921

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 8.055, 332.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 22.758, 332.921 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(127, 90, 119)` looks like.

```
.text, #text, p{  
    color:rgb(127, 90, 119)  
}
```

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(127, 90, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 90, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 22.758, 332.921 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(127, 90, 119) }
```

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

```
.border{ border-color:rgb(127, 90, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 90, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 90, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 90, 119);  
box-shadow:4px 4px 4px 4px rgb(127, 90,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 22.758, 332.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 90, 119) }
```

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

```
.background{ background-color: rgb(127, 90,  
119) }
```

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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