

Converting Colors

CIELCh(43, 42.776, 320.584)

Have a look what the booklet for
CIELCh(43, 42.776, 320.584)
contains.

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Color

CIELCh(43, 42.789, 320.676)

Conversions

Conversions Part 1

Format	Color
Hex	865293
RGB	134, 82, 147
RGB Percent	53%, 32%, 58%
CMY	0.4753, 0.6792, 0.4243
CMYK	0.09, 0.44, 0.00, 0.42
HSL	288°, 28%, 45%
HSV	288°, 44%, 58%
XYZ	18.0525, 13.1578, 29.1085
YIQ	104.9580, 10.1270, 31.2390

Conversions

Conversions Part 2

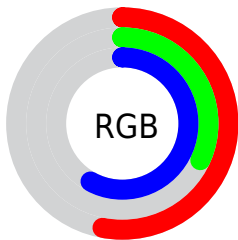
Format	Color
RYB	134, 82, 147
Decimal	8802963
CIELab	43.00, 33.10, -27.12
CIELCh	43, 42.789, 320.676
Yxy	13.1578, 0.2993, 0.2181
Android (android.graphics.Color)	4286993043 (0xFF865293)
YUV	104.9580, 20.7267, 25.4698
Hunter-Lab	36.2736, 25.3563, -22.1869

Details

The CIELCh color $43, 42.789, 320.676$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 42.026, 136.366$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 42.459, 320.569$, and $23, 42.927, 320.905$ is the 20% darker color. If you saturate the color by 10%, you get $39, 51.900, 321.012$, and if you desaturate by 10%, it is $47, 33.224, 320.281$.

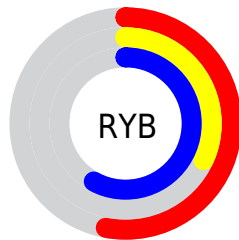
Distribution



Red (53%)

Green (32%)

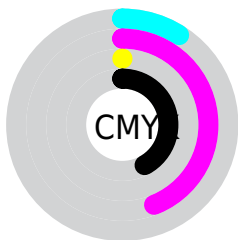
Blue (58%)



Red (53%)

Yellow (32%)

Blue (58%)

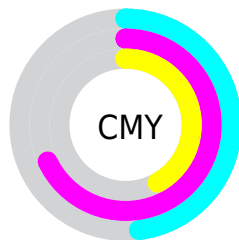


Cyan (9%)

Magenta (44%)

Yellow (0%)

Black (42%)



Cyan (48%)


Magenta (68%)


Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 42.789, 320.676 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, 42.789, 320.676 by changing the saturation by 10% instead.


 43, 42.789,
320.676


 43, 42.789,
320.676


 100, 42.789,
320.676

 33, 42.789,
320.676

 63, 42.789,
320.676


 23, 42.789,
320.676

 73, 42.789,
320.676

 13, 42.789,
320.676

 83, 42.789,
320.676

 3, 42.789, 320.676

 93, 42.789,
320.676

 0, 42.789, 320.676

 43, 42.789,

 43, 42.789,

320.676

■ 39, 51.900,
321.012

■ 36, 60.215,
321.256

■ 34, 67.317,
321.366

■ 31, 72.789,
321.299

■ 30, 76.350,
321.022

■ 29, 77.992,
320.829

320.676

■ 47, 33.224,
320.281

■ 51, 23.472,
319.854

■ 55, 13.714,
319.412

■ 59, 4.069, 318.951

■ 63, 5.387, 138.604

■ 68, 14.614,
138.187

■ 72, 23.589,
137.809

■ 76, 32.306,
137.460

■ 81, 40.766,
137.138

Harmonies

Complementary

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



43, 42.789, 320.676



56, 42.026, 136.366

Rectangle

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



43, 42.789, 320.676



43, 42.789, 10.676



43, 42.789, 140.676



43, 42.789, 190.676

Sweetspot

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



43, 42.787, 320.676



71, 15.491, 319.368



42, 30.937, 286.270



36, 10.943, 319.459



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



43, 42.787, 320.676



52, 62.907, 321.007



44, 36.792, 336.812



29, 5.440, 319.186



27, 74.430, 320.868



1, 4.721, 318.807

Inverse Universe

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



43, 28.986, 8.774



51, 43.439, 10.816



56, 36.473, 149.799



29, 3.457, 4.011



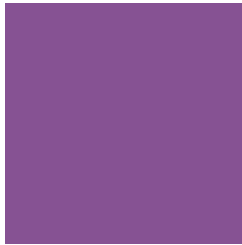
28, 58.061, 28.000



1, 2.956, 3.243

Previews

White Background



This preview shows how the CIELCh color 43, 42.789, 320.676 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, 42.789, 320.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

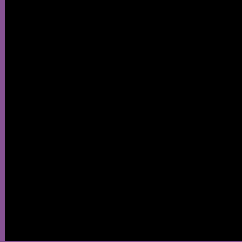
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 43, 42.789, 320.676

Background



This preview shows how black text looks on a background with the CIELCh color 43, 42.789, 320.676.



This preview shows how white text looks on a background with the CIELCh color 43, 42.789, 320.676.

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, 42.789, 320.676

Protanopia

43, 37.452, 285.394

Deuteranopia

43, 25.486, 283.193



Tritanopia
43, 15.665, 3.960

Trichromacy



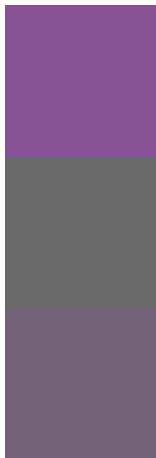
Original Color
43, 42.789, 320.676

Protanomaly
42, 38.069, 297.811

Deuteranomaly
43, 30.446, 300.871

Tritanomaly
43, 23.844, 336.186

Monochromacy



Original Color
43, 42.789, 320.676

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 15.598, 319.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 42.789, 320.676 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(134, 82, 147)` looks like.

```
.text, #text, p{  
    color:rgb(134, 82, 147)  
}
```

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(134, 82, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 82, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 42.789, 320.676 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(134, 82, 147) }
```

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

```
.border{ border-color:rgb(134, 82, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 82, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 82, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 82, 147); box-shadow:4px 4px 4px 4px rgb(134, 82, 147) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 42.789, 320.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 82, 147) }
```

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

```
.background{ background-color: rgb(134, 82,  
147) }
```

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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