

Converting Colors

CIELCh(42, 28.421, 343.444)

Have a look what the booklet for
CIELCh(42, 28.421, 343.444)
contains.

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Color

CIELCh(42, 28.405, 343.284)

Conversions

Conversions Part 1

Format	Color
Hex	885271
RGB	136, 82, 113
RGB Percent	53%, 32%, 44%
CMY	0.4660, 0.6778, 0.5563
CMYK	0.00, 0.40, 0.17, 0.47
HSL	326°, 25%, 43%
HSV	326°, 40%, 53%
XYZ	16.1968, 12.5000, 17.2263
YIQ	101.6800, 22.2330, 21.0890

Conversions

Conversions Part 2

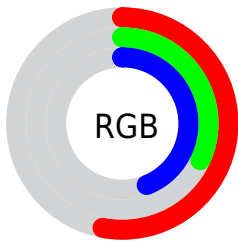
Format	Color
R_{YB}	136, 82, 113
Decimal	8934001
CIE _{Lab}	42.00, 27.20, -8.17
CIE _{LCh}	42, 28.405, 343.284
Yxy	12.5000, 0.3527, 0.2722
Android (android.graphics.Color)	4287124081 (0xFF885271)
YUV	101.6800, 5.5808, 30.0986
Hunter-Lab	35.3553, 19.9018, -4.1393

Details

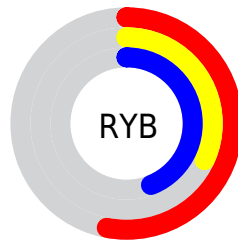
The CIELCh color $42, 28.405, 343.284$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $52, 27.575, 156.281$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 28.653, 342.709$, and $22, 28.393, 343.705$ is the 20% darker color. If you saturate the color by 10%, you get $39, 35.201, 344.411$, and if you desaturate by 10%, it is $45, 21.281, 342.288$.

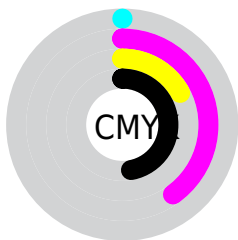
Distribution



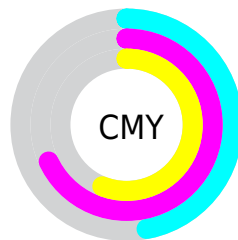
- Red (53%)
- Green (32%)
- Blue (44%)



- Red (53%)
- Yellow (32%)
- Blue (44%)



- Cyan (0%)
- Magenta (40%)
- Yellow (17%)
- Black (47%)



- Cyan (47%)
- Magenta (68%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 28.405, 343.284 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 42, 28.405, 343.284 by changing the saturation by 10% instead.

 42, 28.405,
343.284

 42, 28.405,
343.284

 100, 28.405,
343.284

 32, 28.405,
343.284

 62, 28.405,
343.284


 22, 28.405,
343.284

 72, 28.405,
343.284

 12, 28.405,
343.284

 82, 28.405,
343.284

 2, 28.405, 343.284

 92, 28.405,
343.284

 0, 28.405, 343.284

 42, 28.405,

 42, 28.405,

343.284

343.284

39, 35.201,
344.411

45, 21.281,
342.288

36, 41.394,
345.712

49, 14.048,
341.388

33, 46.645,
347.254

53, 6.847, 340.553

31, 50.617,
349.127

57, 0.228, 161.105

61, 7.123, 159.197

30, 53.069,
351.447

65, 13.813,
158.536

29, 54.413,
354.160

69, 20.287,
157.932

29, 54.460,
354.250

73, 26.548,
157.371

77, 32.602,

Harmonies

Complementary

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



42, 28.405, 343.284



52, 27.575, 156.281

Rectangle

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



42, 28.405, 343.284



42, 28.405, 33.284



42, 28.405, 163.284



42, 28.405, 213.284

Sweetspot

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



42, 28.403, 343.285



66, 10.505, 340.766



39, 34.067, 308.294



34, 7.030, 340.856



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



42, 28.403, 343.285



50, 41.982, 344.335



41, 24.182, 16.793



27, 4.032, 340.512



28, 53.447, 354.159



0, 1.854, 339.866

Inverse Universe

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



42, 28.403, 343.285



50, 41.982, 344.335



53, 19.288, 189.677



27, 4.032, 340.512



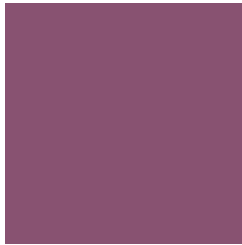
28, 53.447, 354.159



0, 1.854, 339.866

Previews

White Background



This preview shows how the CIELCh color 42, 28.405, 343.284 looks on a white background.

Color Contrast Check

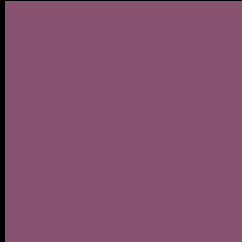
Large Text (above 18pt) WCAG AA ✓ Pass

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 42, 28.405, 343.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

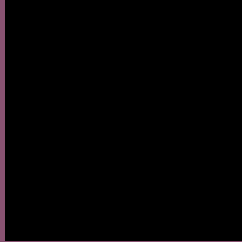
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 28.405, 343.284

Background



This preview shows how black text looks on a background with the CIELCh color 42, 28.405, 343.284.



This preview shows how white text looks on a background with the CIELCh color 42, 28.405, 343.284.

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

42, 28.405, 343.284

Protanopia

42, 15.194, 283.995

Deuteranopia

42, 8.956, 309.600



Tritanopia
42, 21.337, 11.404

Trichromacy



Original Color
42, 28.405, 343.284

Protanomaly
42, 17.567, 313.167

Deuteranomaly
42, 15.524, 330.585

Tritanomaly
42, 22.956, 0.128

Monochromacy



Original Color
42, 28.405, 343.284

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 10.301, 340.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 28.405, 343.284 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(136, 82, 113)` looks like.

```
.text, #text, p{  
    color:rgb(136, 82, 113)  
}
```

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(136, 82, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 82, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 28.405, 343.284 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(136, 82, 113) }
```

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

```
.border{ border-color:rgb(136, 82, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 82, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 82, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 82, 113);  
box-shadow:4px 4px 4px 4px rgb(136, 82,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 28.405, 343.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 82, 113) }
```

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

```
.background{ background-color: rgb(136, 82,  
113) }
```

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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