

Converting Colors

CIELCh(42, 26.372, 330.444)

Have a look what the booklet for
CIELCh(42, 26.372, 330.444)
contains.

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Color

CIELCh(42, 26.438, 330.607)

Conversions

Conversions Part 1

Format	Color
Hex	7F5679
RGB	127, 86, 121
RGB Percent	50%, 34%, 47%
CMY	0.5027, 0.6634, 0.5262
CMYK	0.00, 0.32, 0.05, 0.50
HSL	309°, 19%, 42%
HSV	309°, 32%, 50%
XYZ	15.4768, 12.5000, 19.6257
YIQ	102.2490, 13.2010, 19.5770

Conversions

Conversions Part 2

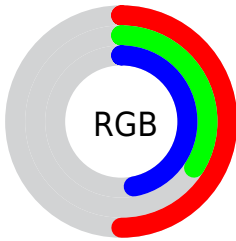
Format	Color
R_{YB}	127, 86, 121
Decimal	8345209
CIE _{Lab}	42.00, 23.03, -12.98
CIE _{LCh}	42, 26.438, 330.607
Yxy	12.5000, 0.3251, 0.2626
Android (android.graphics.Color)	4286535289 (0xFF7F5679)
YUV	102.2490, 9.2442, 21.7066
Hunter-Lab	35.3553, 16.2667, -8.1631

Details

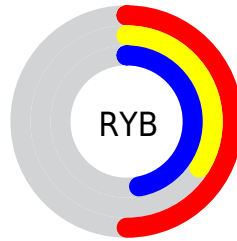
The CIELCh color $42, 26.438, 330.607$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $49, 26.382, 146.411$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 26.425, 330.612$, and $22, 25.931, 330.991$ is the 20% darker color. If you saturate the color by 10%, you get $39, 34.337, 331.214$, and if you desaturate by 10%, it is $45, 18.282, 330.005$.

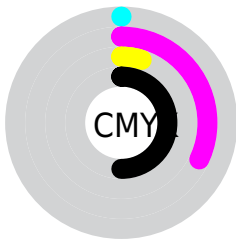
Distribution



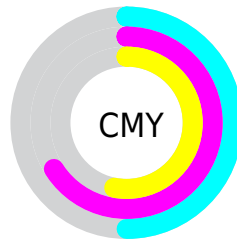
- Red (50%)
- Green (34%)
- Blue (47%)



- Red (50%)
- Yellow (34%)
- Blue (47%)



- Cyan (0%)
- Magenta (32%)
- Yellow (5%)
- Black (50%)





- Cyan (50%)
- Magenta (66%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 26.438, 330.607 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, 26.438, 330.607 by changing the saturation by 10% instead.


 42, 26.438,
330.607


 42, 26.438,
330.607


 100, 26.438,
330.607


 32, 26.438,
330.607

 62, 26.438,
330.607


 22, 26.438,
330.607

 72, 26.438,
330.607

 12, 26.438,
330.607

 82, 26.438,
330.607

 2, 26.438, 330.607

 92, 26.438,
330.607

 0, 26.438, 330.607

 42, 26.438,

 42, 26.438,

330.607

39, 34.337,
331.214

36, 41.741,
331.822

34, 48.346,
332.429

32, 53.824,
333.039

30, 57.875,
333.660

29, 60.317,
334.308

28, 61.631,
334.813

330.607

45, 18.282,
330.005

49, 10.056,
329.407

52, 1.885, 328.743

56, 6.149, 148.334

60, 13.996,
147.781

63, 21.629,
147.266

67, 29.038,
146.778

71, 36.222,
146.317

■ 75, 43.188,
145.881

Harmonies

Complementary

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



42, 26.438, 330.607



49, 26.382, 146.411

Rectangle

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



42, 26.438, 330.607



42, 26.438, 20.607



42, 26.438, 150.607



42, 26.438, 200.607

Sweetspot

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



42, 26.436, 330.607



64, 10.148, 329.282



39, 25.318, 298.380



33, 6.982, 329.353



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



42, 26.436, 330.607



52, 39.494, 331.069



41, 19.459, 354.833



25, 4.612, 329.213



29, 61.870, 334.817



0, 0.000, 0.000

Inverse Universe

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



42, 26.436, 330.607



52, 39.494, 331.069



50, 18.131, 168.440



25, 4.612, 329.213



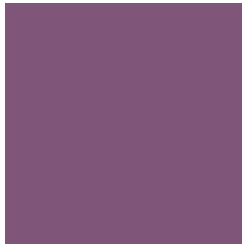
29, 61.870, 334.817



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 42, 26.438, 330.607 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 42, 26.438, 330.607 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, 26.438, 330.607

Background



This preview shows how black text looks on a background with the CIELCh color 42, 26.438, 330.607.



This preview shows how white text looks on a background with the CIELCh color 42, 26.438, 330.607.

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, 26.438, 330.607

Protanopia

42, 19.421, 285.592

Deuteranopia

42, 13.385, 297.038



Tritanopia
42, 15.185, 5.625

Trichromacy



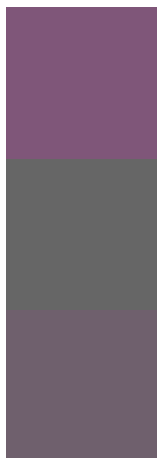
Original Color
42, 26.438, 330.607

Protanomaly
42, 20.407, 303.549

Deuteranomaly
42, 17.705, 314.380

Tritanomaly
42, 18.744, 347.037

Monochromacy



Original Color
42, 26.438, 330.607

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 9.982, 329.045

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 26.438, 330.607 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, 86, 121)` looks like.

```
.text, #text, p{  
    color:rgb(127, 86, 121)  
}
```

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, 86, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 86, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 26.438, 330.607 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, 86, 121) }
```

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

```
.border{ border-color:rgb(127, 86, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 86, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 86, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 86, 121);  
box-shadow:4px 4px 4px 4px rgb(127, 86,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 26.438, 330.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 86, 121) }
```

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

```
.background{ background-color: rgb(127, 86,  
121) }
```

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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