

Converting Colors

CIELCh(42, 30.856, 334.623)

Have a look what the booklet for
CIELCh(42, 30.856, 334.623)
contains.

CIELCh(42, 30.802, 334.940)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(42, 30.802, 334.940)

Conversions

Conversions Part 1

Format	Color
Hex	865279
RGB	134, 82, 121
RGB Percent	53%, 32%, 47%
CMY	0.4742, 0.6782, 0.5252
CMYK	0.00, 0.39, 0.10, 0.47
HSL	315°, 24%, 42%
HSV	315°, 39%, 53%
XYZ	16.3194, 12.5000, 19.6627
YIQ	101.9940, 18.4730, 23.1530

Conversions

Conversions Part 2

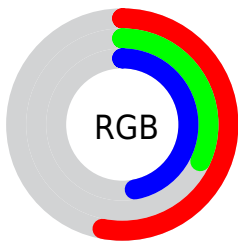
Format	Color
R_{YB}	134, 82, 121
Decimal	8802937
CIE _{Lab}	42.00, 27.90, -13.05
CIE _{LCh}	42, 30.802, 334.940
Yxy	12.5000, 0.3366, 0.2578
Android (android.graphics.Color)	4286993017 (0xFF865279)
YUV	101.9940, 9.3700, 28.0693
Hunter-Lab	35.3553, 20.5209, -8.2252

Details

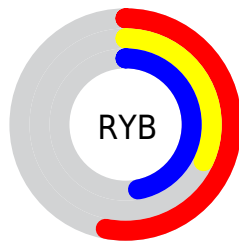
The CIELCh color $42, 30.802, 334.940$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $51, 30.592, 149.227$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 30.923, 335.069$, and $22, 30.590, 335.272$ is the 20% darker color. If you saturate the color by 10%, you get $39, 38.246, 335.703$, and if you desaturate by 10%, it is $45, 22.965, 334.218$.

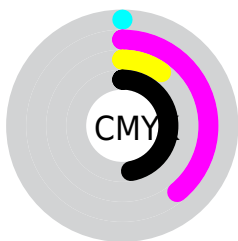
Distribution



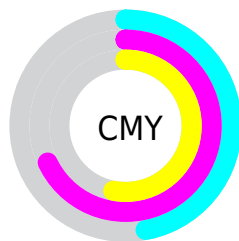
- Red (53%)
- Green (32%)
- Blue (47%)



- Red (53%)
- Yellow (32%)
- Blue (47%)



- Cyan (0%)
- Magenta (39%)
- Yellow (10%)
- Black (47%)





- Cyan (47%)
- Magenta (68%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 30.802, 334.940 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, 30.802, 334.940 by changing the saturation by 10% instead.


 42, 30.802,
334.940


 42, 30.802,
334.940


 100, 30.802,
334.940


 32, 30.802,
334.940

 62, 30.802,
334.940


 22, 30.802,
334.940

 72, 30.802,
334.940

 12, 30.802,
334.940

 82, 30.802,
334.940

 2, 30.802, 334.940

 92, 30.802,
334.940

 0, 30.802, 334.940

 42, 30.802,

 42, 30.802,

334.940

334.940

39, 38.246,
335.703

45, 22.965,
334.218

36, 45.012,
336.516

49, 14.965,
333.527

34, 50.756,
337.400

53, 6.960, 332.856

32, 55.134,
338.383

56, 0.945, 152.524

60, 8.683, 151.705

30, 57.891,
339.508

64, 16.220,
151.131

30, 59.310,
340.774

68, 23.539,
150.595

29, 59.477,
340.927

72, 30.635,
150.090

76, 37.514,

Harmonies

Complementary

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



42, 30.802, 334.940



51, 30.592, 149.227

Rectangle

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



42, 30.802, 334.940



42, 30.802, 24.940



42, 30.802, 154.940



42, 30.802, 204.940

Sweetspot

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



42, 30.800, 334.940



65, 11.754, 333.089



38, 32.391, 302.863



33, 7.768, 333.159



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



42, 30.800, 334.940



51, 45.521, 335.644



41, 23.608, 4.028



26, 4.427, 332.878



28, 58.212, 340.880



0, 1.053, 332.338

Inverse Universe

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



42, 30.800, 334.940



51, 45.521, 335.644



52, 20.635, 175.786



26, 4.427, 332.878



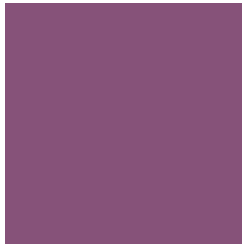
28, 58.212, 340.880



0, 1.053, 332.338

Previews

White Background



This preview shows how the CIELCh color 42, 30.802, 334.940 looks on a white background.

Color Contrast Check

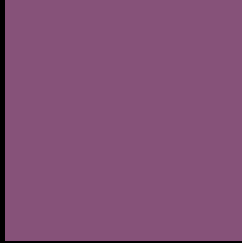
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.802, 334.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

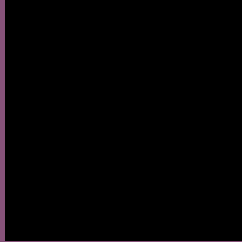
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 30.802, 334.940

Background



This preview shows how black text looks on a background with the CIELCh color 42, 30.802, 334.940.



This preview shows how white text looks on a background with the CIELCh color 42, 30.802, 334.940.

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, 30.802, 334.940

Protanopia

42, 21.238, 285.637

Deuteranopia

42, 12.784, 297.207



Tritanopia
42, 19.561, 10.045

Trichromacy



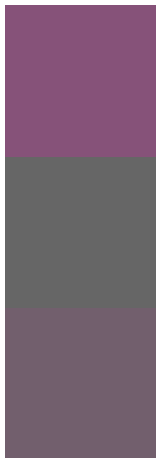
Original Color
42, 30.802, 334.940

Protanomaly
42, 23.117, 306.311

Deuteranomaly
42, 18.190, 317.934

Tritanomaly
42, 22.604, 352.808

Monochromacy



Original Color
42, 30.802, 334.940

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 11.503, 333.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 30.802, 334.940 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(134, 82, 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(134, 82, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 82, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 30.802, 334.940 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, 121) }
```

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

```
.border{ border-color:rgb(134, 82, 121) }
```

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, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 82, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 82, 121);  
box-shadow:4px 4px 4px 4px rgb(134, 82,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 30.802, 334.940 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, 121) }
```

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

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