

Converting Colors

CIELCh(42, 24.103, 335.361)

Have a look what the booklet for
CIELCh(42, 24.103, 335.361)
contains.

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Color

CIELCh(42, 24.310, 335.197)

Conversions

Conversions Part 1

Format	Color
Hex	7F5674
RGB	127, 86, 116
RGB Percent	50%, 34%, 45%
CMY	0.5008, 0.6617, 0.5440
CMYK	0.00, 0.32, 0.09, 0.50
HSL	316°, 19%, 42%
HSV	316°, 32%, 50%
XYZ	15.3129, 12.5000, 18.2134
YIQ	101.6790, 14.8060, 18.0220

Conversions

Conversions Part 2

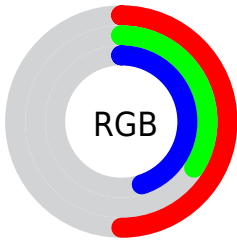
Format	Color
R_{YB}	127, 86, 116
Decimal	8345204
CIE _{Lab}	42.00, 22.07, -10.20
CIE _{LCh}	42, 24.310, 335.197
Yxy	12.5000, 0.3327, 0.2716
Android (android.graphics.Color)	4286535284 (0xFF7F5674)
YUV	101.6790, 7.0603, 22.2065
Hunter-Lab	35.3553, 15.4392, -5.7947

Details

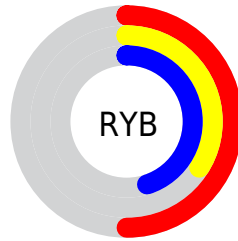
The CIELCh color $42, 24.310, 335.197$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $50, 24.106, 150.569$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 24.417, 334.864$, and $22, 24.103, 335.118$ is the 20% darker color. If you saturate the color by 10%, you get $39, 31.638, 335.954$, and if you desaturate by 10%, it is $45, 16.765, 334.481$.

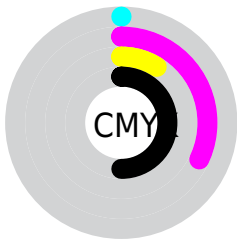
Distribution



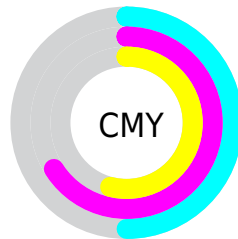
- Red (50%)
- Green (34%)
- Blue (45%)



- Red (50%)
- Yellow (34%)
- Blue (45%)



- Cyan (0%)
- Magenta (32%)
- Yellow (9%)
- Black (50%)




- Cyan (50%)
- Magenta (66%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 24.310, 335.197 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, 24.310, 335.197 by changing the saturation by 10% instead.

 42, 24.310,
335.197


 42, 24.310,
335.197


 100, 24.310,
335.197


 32, 24.310,
335.197

 62, 24.310,
335.197


 22, 24.310,
335.197

 72, 24.310,
335.197

 12, 24.310,
335.197

 82, 24.310,
335.197

 2, 24.310, 335.197

 92, 24.310,
335.197

 0, 24.310, 335.197

 42, 24.310,

 42, 24.310,

335.197

39, 31.638,
335.954

36, 38.522,
336.762

33, 44.667,
337.636

31, 49.743,
338.603

30, 53.437,
339.701

28, 55.550,
340.981

28, 56.630,
342.046

335.197

45, 16.765,
334.481

49, 9.178, 333.795

52, 1.659, 333.038

56, 5.717, 152.613

60, 12.912,
152.014

64, 19.902,
151.462

67, 26.683,
150.944

71, 33.257,
150.455

75, 39.631,

Harmonies

Complementary

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



42, 24.310, 335.197



50, 24.106, 150.569

Rectangle

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



42, 24.310, 335.197



42, 24.310, 25.197



42, 24.310, 155.197



42, 24.310, 205.197

Sweetspot

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



42, 24.308, 335.198



64, 9.306, 333.660



39, 25.531, 302.805



33, 6.404, 333.740



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, 24.308, 335.198



51, 36.347, 335.776



41, 18.532, 4.243



25, 4.229, 333.582



28, 56.696, 342.049



0, 0.000, 0.000

Inverse Universe

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



42, 24.308, 335.198



51, 36.347, 335.776



50, 16.501, 177.771



25, 4.229, 333.582



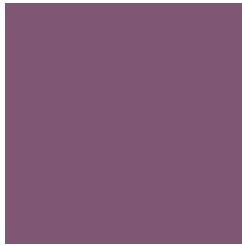
28, 56.696, 342.049



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 42, 24.310, 335.197 looks on a white background.

Color Contrast Check

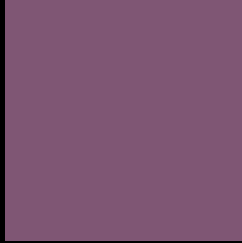
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.310, 335.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

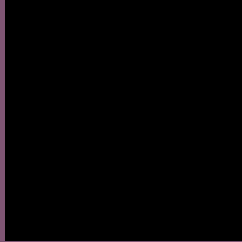
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 24.310, 335.197

Background



This preview shows how black text looks on a background with the CIELCh color 42, 24.310, 335.197.



This preview shows how white text looks on a background with the CIELCh color 42, 24.310, 335.197.

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, 24.310, 335.197

Protanopia

42, 16.375, 286.122

Deuteranopia

42, 10.506, 302.455



Tritanopia
42, 15.607, 6.146

Trichromacy



Original Color
42, 24.310, 335.197

Protanomaly
42, 17.551, 306.444

Deuteranomaly
42, 15.174, 320.161

Tritanomaly
42, 17.883, 351.940

Monochromacy



Original Color
42, 24.310, 335.197

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 9.085, 333.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 24.310, 335.197 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(127, 86, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 86, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 24.310, 335.197 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, 116) }
```

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

```
.border{ border-color:rgb(127, 86, 116) }
```

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, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 86, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 86, 116); box-shadow:4px 4px 4px 4px rgb(127, 86, 116) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 24.310, 335.197 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, 116) }
```

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

```
.background{ background-color: rgb(127, 86,  
116) }
```

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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