

Converting Colors

CIELCh(42, 19.059, 329.839)

Have a look what the booklet for
CIELCh(42, 19.059, 329.839)
contains.

CIELCh(42, 19.059, 329.839)	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, 19.059, 329.839)

Conversions

Conversions Part 1

Format	Color
Hex	775A73
RGB	119, 90, 115
RGB Percent	47%, 35%, 45%
CMY	0.5329, 0.6466, 0.5486
CMYK	0.00, 0.24, 0.03, 0.53
HSL	308°, 14%, 41%
HSV	308°, 24%, 47%
XYZ	14.3885, 12.5000, 17.9067
YIQ	101.5210, 9.2590, 13.9230

Conversions

Conversions Part 2

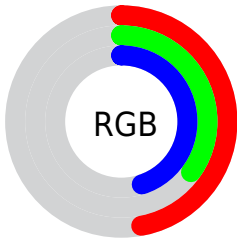
Format	Color
R_{YB}	119, 90, 115
Decimal	7821939
CIE _{Lab}	42.00, 16.48, -9.58
CIE _{LCh}	42, 19.059, 329.839
Yxy	12.5000, 0.3212, 0.2790
Android (android.graphics.Color)	4286012019 (0xFF775A73)
YUV	101.5210, 6.6451, 15.3291
Hunter-Lab	35.3553, 10.7721, -5.2803

Details

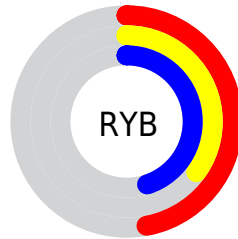
The CIELCh color $42, 19.059, 329.839$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $47, 19.013, 146.844$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 19.401, 330.146$, and $22, 18.973, 329.692$ is the 20% darker color. If you saturate the color by 10%, you get $39, 26.817, 330.432$, and if you desaturate by 10%, it is $45, 11.201, 329.250$.

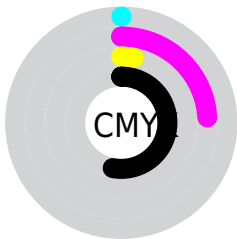
Distribution



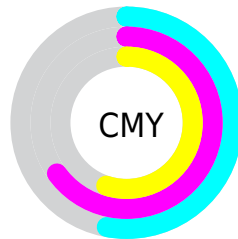
- Red (47%)
- Green (35%)
- Blue (45%)



- Red (47%)
- Yellow (35%)
- Blue (45%)



- Cyan (0%)
- Magenta (24%)
- Yellow (3%)
- Black (53%)





- Cyan (53%)
- Magenta (65%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 19.059, 329.839 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, 19.059, 329.839 by changing the saturation by 10% instead.


 42, 19.059,
329.839


 42, 19.059,
329.839


 100, 19.059,
329.839


 32, 19.059,
329.839

 62, 19.059,
329.839


 22, 19.059,
329.839

 72, 19.059,
329.839


 12, 19.059,
329.839


 82, 19.059,
329.839

 2, 19.059, 329.839

 92, 19.059,
329.839

 0, 19.059, 329.839

 42, 19.059,

 42, 19.059,

329.839

329.839

39, 26.817,
330.432

45, 11.201,
329.250

36, 34.297,
331.026

49, 3.376, 328.640

33, 41.259,
331.618

52, 4.332, 148.193

31, 47.412,
332.206

56, 11.870,
147.631

29, 52.449,
332.792

59, 19.210,
147.115

28, 56.101,
333.384

63, 26.338,
146.626

27, 58.285,
333.995

66, 33.252,
146.163

26, 59.329,
334.337

70, 39.957,
145.726

■ 73, 46.461,
145.313

Harmonies

Complementary

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



42, 19.059, 329.839



47, 19.013, 146.844

Rectangle

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



42, 19.059, 329.839



42, 19.059, 19.839



42, 19.059, 149.839



42, 19.059, 199.839

Sweetspot

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



42, 19.057, 329.839



61, 6.772, 328.822



40, 17.837, 297.501



32, 4.435, 328.848



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



42, 19.057, 329.839



52, 28.224, 330.158



42, 13.807, 353.846



23, 4.326, 328.934



27, 60.481, 334.357



57, 101.956, 334.750

Inverse Universe

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



42, 19.057, 329.839



52, 28.224, 330.158



48, 13.102, 169.303



23, 4.326, 328.934



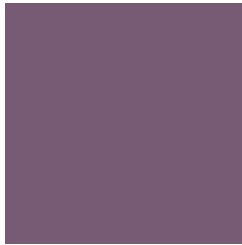
27, 60.481, 334.357



57, 101.956, 334.750

Previews

White Background



This preview shows how the CIELCh color 42, 19.059, 329.839 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, 19.059, 329.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

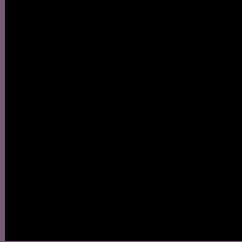
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 19.059, 329.839

Background



This preview shows how black text looks on a background with the CIELCh color 42, 19.059, 329.839.



This preview shows how white text looks on a background with the CIELCh color 42, 19.059, 329.839.

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, 19.059, 329.839

Protanopia

42, 13.952, 286.050

Deuteranopia

42, 10.506, 302.455



Tritanopia
42, 11.002, 358.511

Trichromacy



Original Color
42, 19.059, 329.839

Protanomaly
42, 14.923, 304.195

Deuteranomaly
42, 13.388, 316.430

Tritanomaly
42, 13.354, 345.493

Monochromacy



Original Color
42, 19.059, 329.839

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 6.829, 327.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 19.059, 329.839 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(119, 90, 115)` looks like.

```
.text, #text, p{  
    color:rgb(119, 90, 115)  
}
```

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(119, 90, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 90, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 19.059, 329.839 is called "border". The border property can be set on classes, ids or directly on the HTML element.

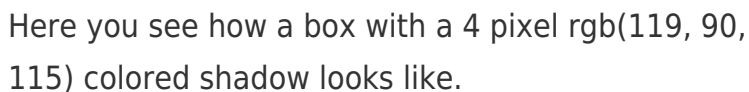
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 90, 115) }
```

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

```
.border{ border-color:rgb(119, 90, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 90, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 90, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 90, 115); box-shadow:4px 4px 4px 4px rgb(119, 90, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 19.059, 329.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 90, 115) }
```

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

```
.background{ background-color: rgb(119, 90,  
115) }
```

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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