

Converting Colors

CIELCh(42, 19.373, 319.175)

Have a look what the booklet for
CIELCh(42, 19.373, 319.175)
contains.

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Color

CIELCh(42, 19.052, 319.357)

Conversions

Conversions Part 1

Format	Color
Hex	725C78
RGB	114, 92, 120
RGB Percent	45%, 36%, 47%
CMY	0.5543, 0.6405, 0.5308
CMYK	0.05, 0.23, 0.00, 0.53
HSL	287°, 13%, 41%
HSV	287°, 23%, 47%
XYZ	14.0634, 12.5000, 19.3321
YIQ	101.7700, 4.1240, 13.3720

Conversions

Conversions Part 2

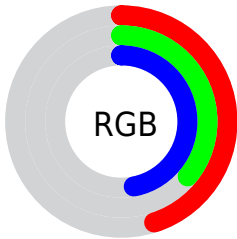
Format	Color
R_{YB}	114, 92, 120
Decimal	7494776
CIE _{Lab}	42.00, 14.46, -12.41
CIE _{LCh}	42, 19.052, 319.357
Yxy	12.5000, 0.3064, 0.2724
Android (android.graphics.Color)	4285684856 (0xFF725C78)
YUV	101.7700, 8.9874, 10.7257
Hunter-Lab	35.3553, 9.1306, -7.6706

Details

The CIELCh color $42, 19.052, 319.357$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $48, 18.836, 137.279$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 19.126, 319.565$, and $22, 18.755, 320.197$ is the 20% darker color. If you saturate the color by 10%, you get $39, 27.290, 319.776$, and if you desaturate by 10%, it is $46, 10.830, 318.927$.

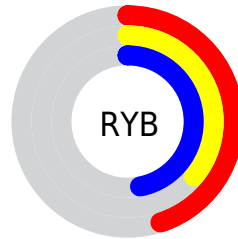
Distribution



Red (45%)

Green (36%)

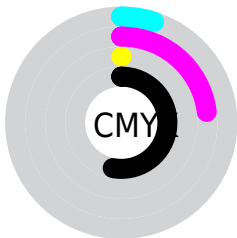
Blue (47%)



Red (45%)

Yellow (36%)

Blue (47%)

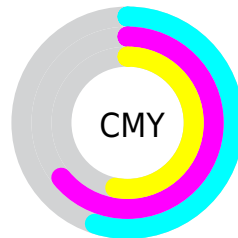


Cyan (5%)

Magenta (23%)

Yellow (0%)

Black (53%)



Cyan (55%)


Magenta (64%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 19.052, 319.357 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, 19.052, 319.357 by changing the saturation by 10% instead.


 42, 19.052,
319.357


 42, 19.052,
319.357


 100, 19.052,
319.357


 32, 19.052,
319.357

 62, 19.052,
319.357


 22, 19.052,
319.357

 72, 19.052,
319.357

 12, 19.052,
319.357


 82, 19.052,
319.357

 2, 19.052, 319.357

 92, 19.052,
319.357

 0, 19.052, 319.357

 42, 19.052,

 42, 19.052,

319.357

39, 27.290,
319.776

35, 35.412,
320.169

32, 43.218,
320.510

30, 50.440,
320.769

27, 56.749,
320.905

25, 61.792,
320.876

24, 65.314,
320.649

23, 67.371,
320.480

319.357

46, 10.830,
318.927

49, 2.718, 318.469

53, 5.231, 138.144

56, 12.987,
137.745

60, 20.534,
137.381

64, 27.868,
137.046

67, 34.991,
136.738

71, 41.908,
136.456

■ 75, 48.628,
136.199

Harmonies

Complementary

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



42, 19.052, 319.357



48, 18.836, 137.279

Rectangle

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



42, 19.052, 319.357



42, 19.052, 9.357



42, 19.052, 139.357



42, 19.052, 189.357

Sweetspot

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



42, 19.051, 319.357



61, 6.984, 318.654



42, 13.401, 282.385



32, 4.575, 318.673



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, 19.051, 319.357



52, 28.340, 319.582



42, 16.601, 335.160



23, 4.463, 318.736



23, 68.479, 320.463



50, 116.300, 320.065

Inverse Universe

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



42, 12.496, 4.474



52, 18.752, 5.145



48, 16.470, 151.941



23, 2.861, 2.895



24, 52.582, 26.170



52, 91.542, 29.480

Previews

White Background



This preview shows how the CIELCh color 42, 19.052, 319.357 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, 19.052, 319.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

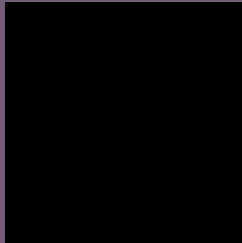
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 19.052, 319.357

Background



This preview shows how black text looks on a background with the CIELCh color 42, 19.052, 319.357.



This preview shows how white text looks on a background with the CIELCh color 42, 19.052, 319.357.

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, 19.052, 319.357

Protanopia

42, 15.778, 285.763

Deuteranopia

42, 13.353, 295.399



Tritanopia
42, 7.927, 348.361

Trichromacy



Original Color
42, 19.052, 319.357

Protanomaly
42, 15.894, 299.297

Deuteranomaly
42, 15.008, 305.656

Tritanomaly
42, 11.249, 332.275

Monochromacy



Original Color
42, 19.052, 319.357

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 6.889, 319.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 19.052, 319.357 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(114, 92, 120)` looks like.

```
.text, #text, p{  
    color:rgb(114, 92, 120)  
}
```

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(114, 92, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 92, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 19.052, 319.357 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(114, 92, 120) }
```

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

```
.border{ border-color:rgb(114, 92, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 92, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 92, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 92, 120);  
box-shadow:4px 4px 4px 4px rgb(114, 92,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 19.052, 319.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 92, 120) }
```

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

```
.background{ background-color: rgb(114, 92,  
120) }
```

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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