

Converting Colors

CIELCh(42, 16.344, 322.799)

Have a look what the booklet for
CIELCh(42, 16.344, 322.799)
contains.

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Color

CIELCh(42, 16.797, 321.928)

Conversions

Conversions Part 1

Format	Color
Hex	715C74
RGB	113, 92, 116
RGB Percent	44%, 36%, 45%
CMY	0.5557, 0.6381, 0.5440
CMYK	0.03, 0.21, 0.00, 0.54
HSL	293°, 12%, 41%
HSV	293°, 21%, 46%
XYZ	13.8676, 12.5000, 18.2928
YIQ	101.0150, 4.8120, 11.9160

Conversions

Conversions Part 2

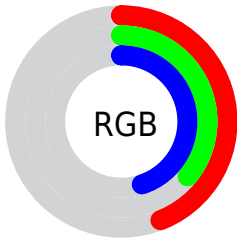
Format	Color
R_{YB}	113, 92, 116
Decimal	7429236
CIE _{Lab}	42.00, 13.22, -10.36
CIE _{LCh}	42, 16.797, 321.928
Yxy	12.5000, 0.3105, 0.2799
Android (android.graphics.Color)	4285619316 (0xFF715C74)
YUV	101.0150, 7.3876, 10.5108
Hunter-Lab	35.3553, 8.1420, -5.9278

Details

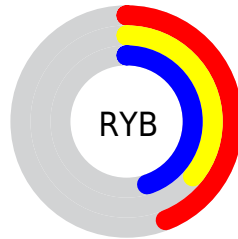
The CIELCh color $42, 16.797, 321.928$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 16.700, 139.952$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 17.020, 321.995$, and $22, 16.872, 322.008$ is the 20% darker color. If you saturate the color by 10%, you get $39, 24.984, 322.375$, and if you desaturate by 10%, it is $45, 8.611, 321.467$.

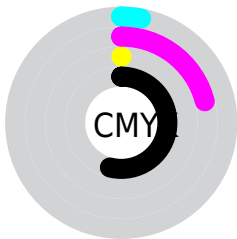
Distribution



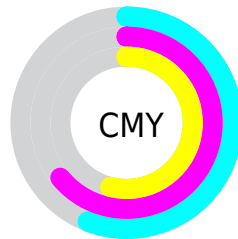
- Red (44%)
- Green (36%)
- Blue (45%)



- Red (44%)
- Yellow (36%)
- Blue (45%)



- Cyan (3%)
- Magenta (21%)
- Yellow (0%)
- Black (54%)





- Cyan (56%)
- Magenta (64%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 16.797, 321.928 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, 16.797, 321.928 by changing the saturation by 10% instead.


 42, 16.797,
321.928


 42, 16.797,
321.928


 100, 16.797,
321.928


 32, 16.797,
321.928

 62, 16.797,
321.928


 22, 16.797,
321.928

 72, 16.797,
321.928

 12, 16.797,
321.928


 82, 16.797,
321.928

 2, 16.797, 321.928

 92, 16.797,
321.928

 0, 16.797, 321.928

 42, 16.797,

 42, 16.797,

321.928

39, 24.984,
322.375

36, 33.036,
322.798

33, 40.755,
323.176

30, 47.884,
323.486

28, 54.119,
323.701

26, 59.143,
323.790

25, 62.705,
323.730

24, 65.280,
323.606

321.928

45, 8.611, 321.467

49, 0.523, 320.743

52, 7.407, 140.621

56, 15.146,
140.193

59, 22.675,
139.794

63, 29.988,
139.421

66, 37.085,
139.074

70, 43.973,
138.752

73, 50.660,

Harmonies

Complementary

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



42, 16.797, 321.928



47, 16.700, 139.952

Rectangle

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



42, 16.797, 321.928



42, 16.797, 11.928



42, 16.797, 141.928



42, 16.797, 191.928

Sweetspot

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



42, 16.796, 321.928



60, 5.974, 321.251



41, 12.671, 286.560



31, 3.995, 321.275



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



42, 16.796, 321.928



52, 25.156, 322.153



42, 13.498, 338.584



23, 4.580, 321.391



25, 67.723, 323.582



54, 114.900, 323.334

Inverse Universe

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



42, 10.492, 10.982



51, 15.910, 11.558



47, 13.334, 155.570



23, 2.785, 9.798



24, 55.563, 32.535



52, 97.156, 35.397

Previews

White Background



This preview shows how the CIELCh color 42, 16.797, 321.928 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, 16.797, 321.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

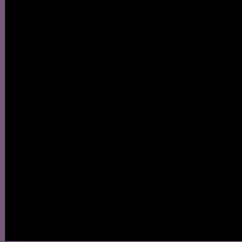
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 16.797, 321.928

Background



This preview shows how black text looks on a background with the CIELCh color 42, 16.797, 321.928.



This preview shows how white text looks on a background with the CIELCh color 42, 16.797, 321.928.

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, 16.797, 321.928

Protanopia

42, 13.353, 285.659

Deuteranopia

42, 11.034, 299.905



Tritanopia
42, 7.927, 348.361

Trichromacy



Original Color
42, 16.797, 321.928

Protanomaly
42, 14.100, 300.021

Deuteranomaly
42, 12.796, 309.826

Tritanomaly
42, 10.816, 334.415

Monochromacy



Original Color
42, 16.797, 321.928

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 6.168, 318.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 16.797, 321.928 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(113, 92, 116)` looks like.

```
.text, #text, p{  
    color:rgb(113, 92, 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(113, 92, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 92, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 16.797, 321.928 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(113, 92, 116) }
```

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

```
.border{ border-color:rgb(113, 92, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 92, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 92, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 92, 116); box-shadow:4px 4px 4px 4px rgb(113, 92, 116) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 16.797, 321.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 92, 116) }
```

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

```
.background{ background-color: rgb(113, 92,  
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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