

Converting Colors

CIELCh(42, 12.193, 352.592)

Have a look what the booklet for
CIELCh(42, 12.193, 352.592)
contains.

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Color

CIELCh(42, 12.479, 352.419)

Conversions

Conversions Part 1

Format	Color
Hex	765C66
RGB	118, 92, 102
RGB Percent	46%, 36%, 40%
CMY	0.5367, 0.6387, 0.5995
CMYK	0.00, 0.22, 0.14, 0.54
HSL	337°, 12%, 41%
HSV	337°, 22%, 46%
XYZ	13.7332, 12.5000, 14.2937
YIQ	100.9140, 12.2860, 8.6220

Conversions

Conversions Part 2

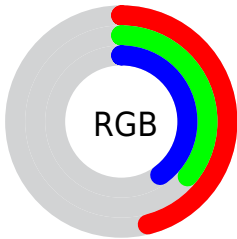
Format	Color
R_{YB}	118, 92, 102
Decimal	7756902
CIE _{Lab}	42.00, 12.37, -1.65
CIE _{LCh}	42, 12.479, 352.419
Yxy	12.5000, 0.3389, 0.3084
Android (android.graphics.Color)	4285946982 (0xFF765C66)
YUV	100.9140, 0.5354, 14.9844
Hunter-Lab	35.3553, 7.4634, 0.7785

Details

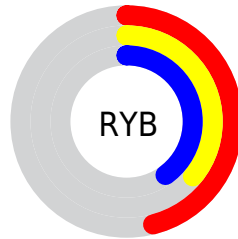
The CIELCh color $42, 12.479, 352.419$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 11.942, 168.418$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 12.550, 351.368$, and $22, 12.267, 353.017$ is the 20% darker color. If you saturate the color by 10%, you get $39, 18.332, 353.584$, and if you desaturate by 10%, it is $45, 6.715, 351.394$.

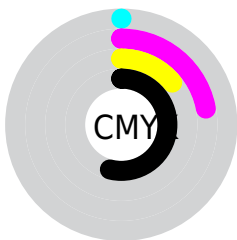
Distribution



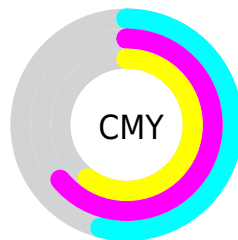
- Red (46%)
- Green (36%)
- Blue (40%)



- Red (46%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (14%)
- Black (54%)





- Cyan (54%)
- Magenta (64%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 12.479, 352.419 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, 12.479, 352.419 by changing the saturation by 10% instead.


 42, 12.479,
352.419


 42, 12.479,
352.419


 100, 12.479,
352.419


 32, 12.479,
352.419

 62, 12.479,
352.419


 22, 12.479,
352.419

 72, 12.479,
352.419


 12, 12.479,
352.419


 82, 12.479,
352.419

 2, 12.479, 352.419

 92, 12.479,
352.419

 0, 12.479, 352.419

 42, 12.479,

 42, 12.479,

352.419

352.419

39, 18.332,
353.584

45, 6.715, 351.394

36, 24.170,
354.933

49, 1.109, 350.272

53, 4.304, 169.816

33, 29.828,
356.535

56, 9.513, 169.053

30, 35.085,
358.481

60, 14.516,
168.381

28, 39.683, 0.889

63, 19.322,
167.769

26, 43.377, 3.909

67, 23.942,
167.207

25, 46.037, 7.691

71, 28.389,
166.687

24, 47.965, 10.885

74, 32.679,
166.205

Harmonies

Complementary

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



42, 12.479, 352.419



47, 11.942, 168.418

Rectangle

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



42, 12.479, 352.419



42, 12.479, 42.419



42, 12.479, 172.419



42, 12.479, 222.419

Sweetspot

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



42, 12.477, 352.422



60, 4.800, 350.918



41, 16.984, 313.388



31, 3.102, 350.957



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, 12.477, 352.422



52, 18.311, 352.940



42, 10.370, 29.291



23, 3.113, 351.101



25, 49.215, 11.098



53, 84.018, 14.278

Inverse Universe

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



42, 12.477, 352.422



52, 18.311, 352.940



47, 8.986, 208.393



23, 3.113, 351.101



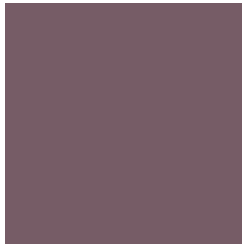
25, 49.215, 11.098



53, 84.018, 14.278

Previews

White Background



This preview shows how the CIELCh color 42, 12.479, 352.419 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, 12.479, 352.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

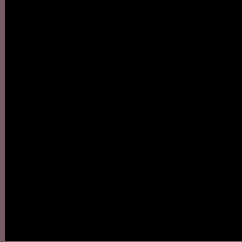
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 12.479, 352.419

Background



This preview shows how black text looks on a background with the CIELCh color 42, 12.479, 352.419.



This preview shows how white text looks on a background with the CIELCh color 42, 12.479, 352.419.

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, 12.479, 352.419

Protanopia

42, 4.231, 290.810

Deuteranopia

42, 5.872, 349.299



Tritanopia
42, 11.401, 359.416

Trichromacy



Original Color
42, 12.479, 352.419

Protanomaly
42, 6.116, 328.046

Deuteranomaly
42, 8.017, 353.746

Tritanomaly
42, 11.602, 356.620

Monochromacy



Original Color
42, 12.479, 352.419

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 4.185, 354.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 12.479, 352.419 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(118, 92, 102)` looks like.

```
.text, #text, p{  
    color:rgb(118, 92, 102)  
}
```

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(118, 92, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 92, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 12.479, 352.419 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(118, 92, 102) }
```

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

```
.border{ border-color:rgb(118, 92, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 92, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 92, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 92, 102);  
box-shadow:4px 4px 4px 4px rgb(118, 92,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 12.479, 352.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 92, 102) }
```

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

```
.background{ background-color: rgb(118, 92,  
102) }
```

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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