

Converting Colors

CIELCh(42, 14.081, 336.014)

Have a look what the booklet for
CIELCh(42, 14.081, 336.014)
contains.

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Color

CIELCh(42, 14.222, 335.306)

Conversions

Conversions Part 1

Format	Color
Hex	745C6D
RGB	116, 92, 109
RGB Percent	45%, 36%, 43%
CMY	0.5447, 0.6388, 0.5721
CMYK	0.00, 0.21, 0.06, 0.54
HSL	318°, 12%, 41%
HSV	318°, 21%, 46%
XYZ	13.8199, 12.5000, 16.1834
YIQ	101.1140, 8.8470, 10.3750

Conversions

Conversions Part 2

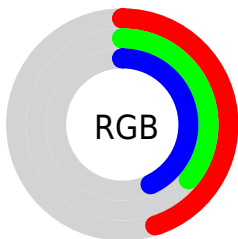
Format	Color
R_{YB}	116, 92, 109
Decimal	7625837
CIE Lab	42.00, 12.92, -5.94
CIE LCh	42, 14.222, 335.306
Yxy	12.5000, 0.3251, 0.2941
Android (android.graphics.Color)	4285815917 (0xFF745C6D)
YUV	101.1140, 3.8878, 13.0550
Hunter-Lab	35.3553, 7.9015, -2.3904

Details

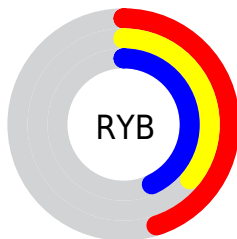
The CIELCh color $42, 14.222, 335.306$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 14.112, 152.495$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 14.212, 335.642$, and $22, 14.502, 335.196$ is the 20% darker color. If you saturate the color by 10%, you get $39, 21.126, 336.035$, and if you desaturate by 10%, it is $45, 7.300, 334.611$.

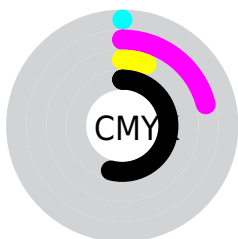
Distribution



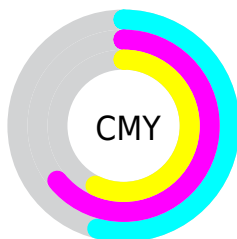
- Red (45%)
- Green (36%)
- Blue (43%)



- Red (45%)
- Yellow (36%)
- Blue (43%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (54%)





- Cyan (54%)
- Magenta (64%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 14.222, 335.306 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, 14.222, 335.306 by changing the saturation by 10% instead.

 42, 14.222,
335.306


 42, 14.222,
335.306


 100, 14.222,
335.306


 32, 14.222,
335.306

 62, 14.222,
335.306


 22, 14.222,
335.306

 72, 14.222,
335.306

 12, 14.222,
335.306


 82, 14.222,
335.306

 2, 14.222, 335.306

 92, 14.222,
335.306

 0, 14.222, 335.306

 42, 14.222,

 42, 14.222,

335.306

39, 21.126,
336.035

36, 27.876,
336.808

33, 34.273,
337.639

31, 40.061,
338.546

28, 44.944,
339.556

27, 48.629,
340.712

26, 50.900,
342.067

25, 52.309,
343.437

335.306

45, 7.300, 334.611

49, 0.460, 333.507

52, 6.242, 153.425

56, 12.772,
152.831

59, 19.115,
152.281

63, 25.267,
151.764

66, 31.232,
151.277

70, 37.017,
150.819

73, 42.631,

Harmonies

Complementary

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



42, 14.222, 335.306



47, 14.112, 152.495

Rectangle

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



42, 14.222, 335.306



42, 14.222, 25.306



42, 14.222, 155.306



42, 14.222, 205.306

Sweetspot

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



42, 14.220, 335.307



60, 5.058, 334.292



41, 14.911, 302.463



31, 3.383, 334.327



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, 14.220, 335.307



52, 21.292, 335.663



42, 10.717, 3.972



23, 3.878, 334.498



26, 54.265, 343.548



56, 91.071, 344.676

Inverse Universe

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



42, 14.220, 335.307



52, 21.292, 335.663



47, 9.940, 180.206



23, 3.878, 334.498



26, 54.265, 343.548



56, 91.071, 344.676

Previews

White Background



This preview shows how the CIELCh color 42, 14.222, 335.306 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, 14.222, 335.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

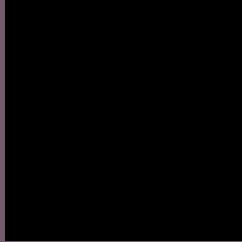
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 14.222, 335.306

Background



This preview shows how black text looks on a background with the CIELCh color 42, 14.222, 335.306.



This preview shows how white text looks on a background with the CIELCh color 42, 14.222, 335.306.

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, 14.222, 335.306

Protanopia

42, 8.477, 286.133

Deuteranopia

42, 7.435, 316.979



Tritanopia
42, 9.807, 355.383

Trichromacy



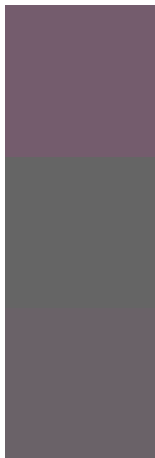
Original Color
42, 14.222, 335.306

Protanomaly
42, 10.242, 309.678

Deuteranomaly
42, 9.754, 327.093

Tritanomaly
42, 11.324, 345.215

Monochromacy



Original Color
42, 14.222, 335.306

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 4.924, 332.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 14.222, 335.306 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(116, 92, 109)` looks like.

```
.text, #text, p{  
    color:rgb(116, 92, 109)  
}
```

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(116, 92, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 92, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 14.222, 335.306 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(116, 92, 109) }
```

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

```
.border{ border-color:rgb(116, 92, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 92, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 92, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 92, 109);  
box-shadow:4px 4px 4px 4px rgb(116, 92,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 14.222, 335.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 92, 109) }
```

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

```
.background{ background-color: rgb(116, 92,  
109) }
```

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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