

Converting Colors

CIELCh(42, 16.079, 333.713)

Have a look what the booklet for
CIELCh(42, 16.079, 333.713)
contains.

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Color

CIELCh(42, 16.328, 334.150)

Conversions

Conversions Part 1

Format	Color
Hex	765B6F
RGB	118, 91, 111
RGB Percent	46%, 36%, 44%
CMY	0.5370, 0.6429, 0.5644
CMYK	0.00, 0.23, 0.06, 0.54
HSL	316°, 13%, 41%
HSV	316°, 23%, 46%
XYZ	14.1014, 12.5000, 16.7291
YIQ	101.3530, 9.6720, 11.9440

Conversions

Conversions Part 2

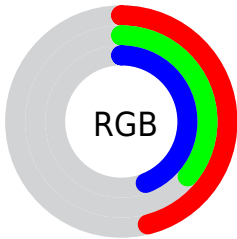
Format	Color
R_{YB}	118, 91, 111
Decimal	7756655
CIE _{Lab}	42.00, 14.69, -7.12
CIE _{LCh}	42, 16.328, 334.150
Yxy	12.5000, 0.3254, 0.2885
Android (android.graphics.Color)	4285946735 (0xFF765B6F)
YUV	101.3530, 4.7560, 14.5994
Hunter-Lab	35.3553, 9.3224, -3.3056

Details

The CIELCh color $42, 16.328, 334.150$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 16.220, 151.084$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 16.588, 333.101$, and $22, 16.022, 334.440$ is the 20% darker color. If you saturate the color by 10%, you get $39, 23.456, 334.853$, and if you desaturate by 10%, it is $45, 9.147, 333.476$.

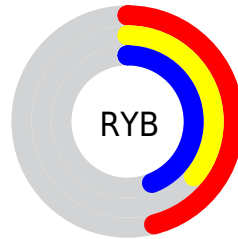
Distribution



Red (46%)

Green (36%)

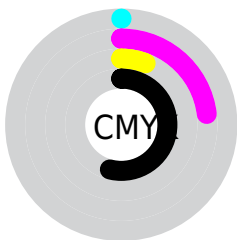
Blue (44%)



Red (46%)

Yellow (36%)

Blue (44%)

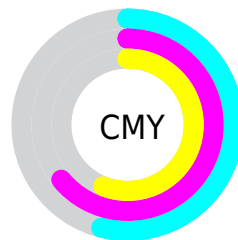


Cyan (0%)

Magenta (23%)

Yellow (6%)

Black (54%)



Cyan (54%)


Magenta (64%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 16.328, 334.150 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, 16.328, 334.150 by changing the saturation by 10% instead.


 42, 16.328,
334.150


 42, 16.328,
334.150


 100, 16.328,
334.150


 32, 16.328,
334.150

 62, 16.328,
334.150


 22, 16.328,
334.150

 72, 16.328,
334.150

 12, 16.328,
334.150


 82, 16.328,
334.150

 2, 16.328, 334.150

 92, 16.328,
334.150

 0, 16.328, 334.150

 42, 16.328,

 42, 16.328,

334.150

39, 23.456,
334.853

36, 30.376,
335.593

33, 36.869,
336.379

31, 42.661,
337.225

29, 47.444,
338.156

27, 50.933,
339.205

26, 52.957,
340.418

25, 54.058,
341.317

334.150

45, 9.147, 333.476

49, 2.026, 332.759

52, 4.966, 152.313

56, 11.790,
151.717

59, 18.424,
151.169

63, 24.862,
150.655

66, 31.106,
150.169

70, 37.160,
149.711

73, 43.036,

Harmonies

Complementary

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



42, 16.328, 334.150



47, 16.220, 151.084

Rectangle

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



42, 16.328, 334.150



42, 16.328, 24.150



42, 16.328, 154.150



42, 16.328, 204.150

Sweetspot

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



42, 16.326, 334.151



60, 6.128, 333.093



40, 16.731, 301.455



31, 3.959, 333.120



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, 16.326, 334.151



52, 23.845, 334.484



42, 12.212, 1.776



23, 3.969, 333.219



26, 55.433, 341.380



56, 93.085, 342.325

Inverse Universe

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



42, 16.326, 334.151



52, 23.845, 334.484



47, 11.325, 177.481



23, 3.969, 333.219



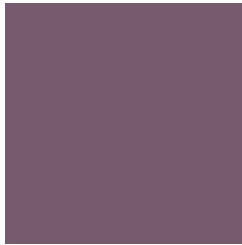
26, 55.433, 341.380



56, 93.085, 342.325

Previews

White Background



This preview shows how the CIELCh color 42, 16.328, 334.150 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, 16.328, 334.150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

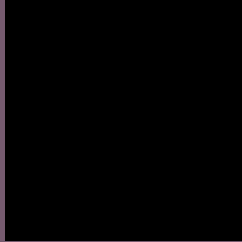
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 16.328, 334.150

Background



This preview shows how black text looks on a background with the CIELCh color 42, 16.328, 334.150.



This preview shows how white text looks on a background with the CIELCh color 42, 16.328, 334.150.

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, 16.328, 334.150

Protanopia

42, 10.899, 287.731

Deuteranopia

42, 8.387, 310.878



Tritanopia
42, 11.002, 358.511

Trichromacy



Original Color
42, 16.328, 334.150

Protanomaly
42, 12.103, 308.889

Deuteranomaly
42, 10.739, 323.278

Tritanomaly
42, 12.693, 346.556

Monochromacy



Original Color
42, 16.328, 334.150

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 6.376, 331.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 16.328, 334.150 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, 91, 111)` looks like.

```
.text, #text, p{  
    color:rgb(118, 91, 111)  
}
```

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, 91, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 91, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 16.328, 334.150 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, 91, 111) }
```

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

```
.border{ border-color:rgb(118, 91, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 91, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 91, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 91, 111);  
box-shadow:4px 4px 4px 4px rgb(118, 91,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 16.328, 334.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 91, 111) }
```

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

```
.background{ background-color: rgb(118, 91,  
111) }
```

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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