

Converting Colors

CIELCh(42, 12.008, 340.464)

Have a look what the booklet for
CIELCh(42, 12.008, 340.464)
contains.

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Color

CIELCh(42, 12.027, 340.476)

Conversions

Conversions Part 1

Format	Color
Hex	735D6A
RGB	115, 93, 106
RGB Percent	45%, 36%, 42%
CMY	0.5492, 0.6355, 0.5845
CMYK	0.00, 0.19, 0.08, 0.55
HSL	325°, 11%, 41%
HSV	325°, 19%, 45%
XYZ	13.5714, 12.5000, 15.3184
YIQ	101.0600, 8.9390, 8.7070

Conversions

Conversions Part 2

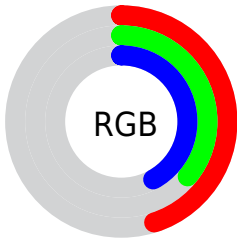
Format	Color
R_{YB}	115, 93, 106
Decimal	7560554
CIE Lab	42.00, 11.34, -4.02
CIE LCh	42, 12.027, 340.476
Yxy	12.5000, 0.3279, 0.3020
Android (android.graphics.Color)	4285750634 (0xFF735D6A)
YUV	101.0600, 2.4354, 12.2254
Hunter-Lab	35.3553, 6.6465, -0.9398

Details

The CIELCh color $42, 12.027, 340.476$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 11.853, 157.600$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 12.160, 340.501$, and $22, 12.120, 340.754$ is the 20% darker color. If you saturate the color by 10%, you get $39, 18.388, 341.334$, and if you desaturate by 10%, it is $45, 5.695, 339.677$.

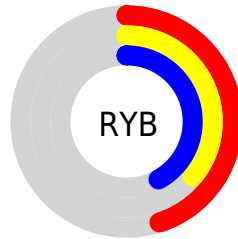
Distribution



Red (45%)

Green (36%)

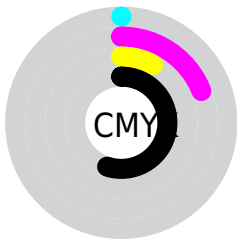
Blue (42%)



Red (45%)

Yellow (36%)

Blue (42%)

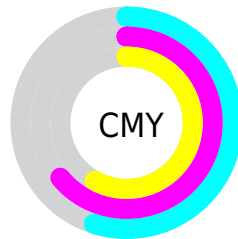


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (55%)



Cyan (55%)

Magenta (64%)

Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 12.027, 340.476 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, 12.027, 340.476 by changing the saturation by 10% instead.

 42, 12.027,
340.476


 42, 12.027,
340.476


 100, 12.027,
340.476


 32, 12.027,
340.476

 62, 12.027,
340.476


 22, 12.027,
340.476

 72, 12.027,
340.476

 12, 12.027,
340.476


 82, 12.027,
340.476

 2, 12.027, 340.476

 92, 12.027,
340.476

 0, 12.027, 340.476

 42, 12.027,

 42, 12.027,

340.476

39, 18.388,
341.334

36, 24.663,
342.274

33, 30.677,
343.326

30, 36.198,
344.527

28, 40.947,
345.933

26, 44.632,
347.619

25, 47.028,
349.684

24, 48.559,
352.037

340.476

45, 5.695, 339.677

49, 0.528, 159.475

52, 6.597, 158.373

56, 12.491,
157.733

59, 18.201,
157.146

63, 23.727,
156.599

66, 29.076,
156.088

70, 34.258,
155.608

73, 39.283,

■ 24, 48.701,
352.236

155.158

Harmonies

Complementary

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



42, 12.027, 340.476



46, 11.853, 157.600

Rectangle

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



42, 12.027, 340.476



42, 12.027, 30.476



42, 12.027, 160.476



42, 12.027, 210.476

Sweetspot

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



42, 12.025, 340.478



60, 4.650, 339.436



41, 13.867, 306.464



31, 3.110, 339.476



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, 12.025, 340.478



53, 18.066, 340.852



42, 9.559, 12.769



23, 3.567, 339.670



26, 50.879, 352.459



54, 85.457, 354.357

Inverse Universe

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



42, 12.025, 340.478



53, 18.066, 340.852



47, 8.685, 189.784



23, 3.567, 339.670



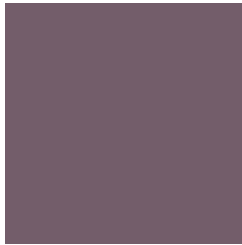
26, 50.879, 352.459



54, 85.457, 354.357

Previews

White Background



This preview shows how the CIELCh color 42, 12.027, 340.476 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, 12.027, 340.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

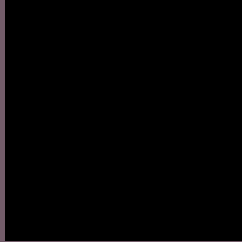
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 12.027, 340.476

Background



This preview shows how black text looks on a background with the CIELCh color 42, 12.027, 340.476.



This preview shows how white text looks on a background with the CIELCh color 42, 12.027, 340.476.

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, 12.027, 340.476

Protanopia

42, 6.048, 287.299

Deuteranopia

42, 6.852, 327.758



Tritanopia
42, 9.423, 354.190

Trichromacy



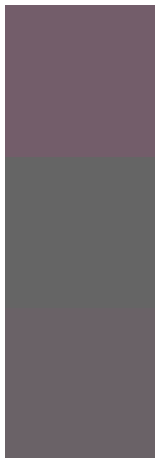
Original Color
42, 12.027, 340.476

Protanomaly
42, 7.266, 314.070

Deuteranomaly
42, 8.389, 334.512

Tritanomaly
42, 9.976, 347.923

Monochromacy



Original Color
42, 12.027, 340.476

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 4.502, 337.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 12.027, 340.476 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(115, 93, 106)` looks like.

```
.text, #text, p{  
    color:rgb(115, 93, 106)  
}
```

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(115, 93, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 93, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 12.027, 340.476 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(115, 93, 106) }
```

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

```
.border{ border-color:rgb(115, 93, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 93, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 93, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 93, 106);  
box-shadow:4px 4px 4px 4px rgb(115, 93,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 12.027, 340.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 93, 106) }
```

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

```
.background{ background-color: rgb(115, 93,  
106) }
```

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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