

Converting Colors

CIELCh(42, 13.008, 339.289)

Have a look what the booklet for
CIELCh(42, 13.008, 339.289)
contains.

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Color

CIELCh(42, 13.422, 338.974)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 745C6B |
| RGB | 116, 92, 107 |
| RGB Percent | 45%, 36%, 42% |
| CMY | 0.5440, 0.6382, 0.5793 |
| CMYK | 0.00, 0.21, 0.08, 0.54 |
| HSL | 323°, 12%, 41% |
| HSV | 323°, 21%, 46% |
| XYZ | 13.7581, 12.5000, 15.6729 |
| YIQ | 100.8860, 9.4890, 9.7530 |

Conversions

Conversions Part 2

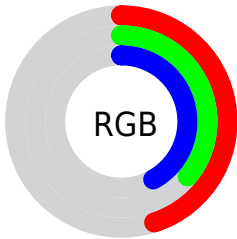
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 116, 92, 107 |
| Decimal | 7625835 |
| CIE Lab | 42.00, 12.53, -4.82 |
| CIE LCh | 42, 13.422, 338.974 |
| Yxy | 12.5000, 0.3281, 0.2981 |
| Android (android.graphics.Color) | 4285815915 (0xFF745C6B) |
| YUV | 100.8860, 3.0142, 13.2550 |
| Hunter-Lab | 35.3553, 7.5890, -1.5343 |

Details

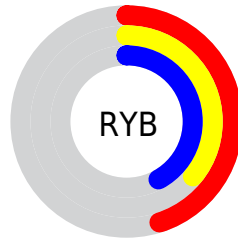
The CIELCh color $42, 13.422, 338.974$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 13.250, 155.937$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 13.465, 339.056$, and $22, 13.631, 339.206$ is the 20% darker color. If you saturate the color by 10%, you get $39, 19.975, 339.801$, and if you desaturate by 10%, it is $45, 6.873, 338.202$.

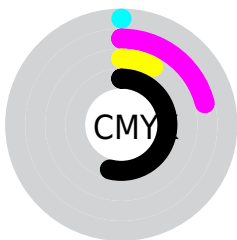
Distribution



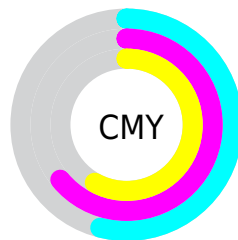
- Red (45%)
- Green (36%)
- Blue (42%)



- Red (45%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (54%)





- Cyan (54%)
- Magenta (64%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 13.422, 338.974 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, 13.422, 338.974 by changing the saturation by 10% instead.


 42, 13.422,
338.974


 42, 13.422,
338.974


 100, 13.422,
338.974


 32, 13.422,
338.974

 62, 13.422,
338.974


 22, 13.422,
338.974

 72, 13.422,
338.974

 12, 13.422,
338.974


 82, 13.422,
338.974

 2, 13.422, 338.974

 92, 13.422,
338.974

 0, 13.422, 338.974

 42, 13.422,

 42, 13.422,

338.974

338.974

39, 19.975,
339.801

45, 6.873, 338.202

36, 26.403,
340.701

49, 0.419, 336.953

33, 32.517,
341.699

52, 5.890, 156.922

30, 38.069,
342.830

56, 12.026,
156.288

28, 42.767,
344.141

59, 17.976,
155.707

27, 46.319,
345.701

63, 23.739,
155.165

25, 48.512,
347.598

66, 29.321,
154.656

24, 49.895,
349.553

70, 34.730,
154.179

73, 39.976,

Harmonies

Complementary

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



42, 13.422, 338.974



47, 13.250, 155.937

Rectangle

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



42, 13.422, 338.974



42, 13.422, 28.974



42, 13.422, 158.974



42, 13.422, 208.974

Sweetspot

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



42, 13.420, 338.975



60, 4.765, 337.854



41, 15.068, 305.390



31, 3.186, 337.892



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, 13.420, 338.975



52, 20.107, 339.378



42, 10.507, 10.329



23, 3.654, 338.080



26, 51.708, 349.712



55, 86.781, 351.373

Inverse Universe

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



42, 13.420, 338.975



52, 20.107, 339.378



47, 9.548, 186.866



23, 3.654, 338.080



26, 51.708, 349.712



55, 86.781, 351.373

Previews

White Background



This preview shows how the CIELCh color 42, 13.422, 338.974 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, 13.422, 338.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

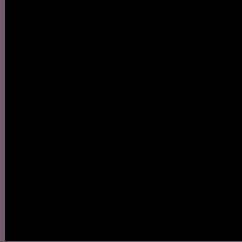
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 13.422, 338.974

Background



This preview shows how black text looks on a background with the CIELCh color 42, 13.422, 338.974.



This preview shows how white text looks on a background with the CIELCh color 42, 13.422, 338.974.

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, 13.422, 338.974

Protanopia

42, 7.253, 288.126

Deuteranopia

42, 7.338, 324.906



Tritanopia
42, 10.448, 353.461

Trichromacy



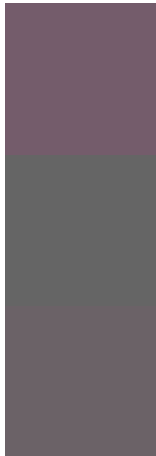
Original Color
42, 13.422, 338.974

Protanomaly
42, 8.532, 313.451

Deuteranomaly
42, 9.101, 333.808

Tritanomaly
42, 11.006, 347.811

Monochromacy



Original Color
42, 13.422, 338.974

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 4.819, 341.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 13.422, 338.974 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, 107)` looks like.

```
.text, #text, p{  
    color:rgb(116, 92, 107)  
}
```

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, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 92, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 13.422, 338.974 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, 107) }
```

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

```
.border{ border-color:rgb(116, 92, 107) }
```

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, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 92, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 92, 107); box-shadow:4px 4px 4px 4px rgb(116, 92, 107) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 13.422, 338.974 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, 107) }
```

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

```
.background{ background-color: rgb(116, 92,  
107) }
```

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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