

Converting Colors

CIELCh(41, 13.466, 339.000)

Have a look what the booklet for
CIELCh(41, 13.466, 339.000)
contains.

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Color

CIELCh(41, 13.466, 339.000)

Conversions

Conversions Part 1

Format	Color
Hex	725A69
RGB	114, 90, 105
RGB Percent	45%, 35%, 41%
CMY	0.5537, 0.6477, 0.5889
CMYK	0.00, 0.21, 0.08, 0.55
HSL	322°, 12%, 40%
HSV	322°, 21%, 45%
XYZ	13.0980, 11.8645, 14.9165
YIQ	98.8860, 9.4890, 9.7530

Conversions

Conversions Part 2

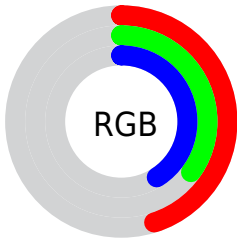
Format	Color
R_{YB}	114, 90, 105
Decimal	7494249
CIE _{Lab}	41.00, 12.57, -4.83
CIE _{LCh}	41, 13.466, 339.000
Yxy	11.8645, 0.3284, 0.2975
Android (android.graphics.Color)	4285684329 (0xFF725A69)
YUV	98.8860, 3.0142, 13.2550
Hunter-Lab	34.4449, 7.5978, -1.5643

Details

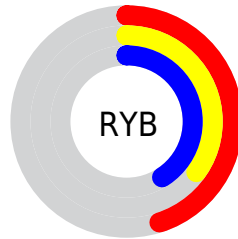
The CIELCh color $41, 13.466, 339.000$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 13.291, 155.900$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 13.497, 339.070$, and $21, 13.698, 339.269$ is the 20% darker color. If you saturate the color by 10%, you get $38, 19.903, 339.827$, and if you desaturate by 10%, it is $44, 7.028, 338.229$.

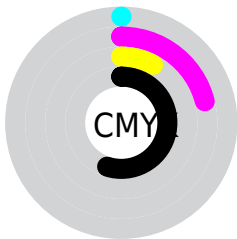
Distribution



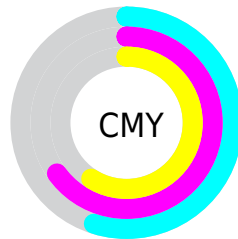
- Red (45%)
- Green (35%)
- Blue (41%)



- Red (45%)
- Yellow (35%)
- Blue (41%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (55%)





- Cyan (55%)
- Magenta (65%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 13.466, 339.000 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 41, 13.466, 339.000 by changing the saturation by 10% instead.


 41, 13.466,
339.000


 41, 13.466,
339.000


 100, 13.466,
339.000


 31, 13.466,
339.000

 61, 13.466,
339.000


 21, 13.466,
339.000

 71, 13.466,
339.000


 11, 13.466,
339.000


 81, 13.466,
339.000

 1, 13.466, 339.000

 91, 13.466,
339.000

 0, 13.466, 339.000

 41, 13.466,

 41, 13.466,

339.000

339.000

38, 19.903,
339.827

44, 7.028, 338.229

35, 26.212,
340.728

48, 0.681, 337.208

51, 5.525, 156.949

32, 32.206,
341.728

54, 11.562,
156.313

30, 37.641,
342.860

58, 17.418,
155.731

28, 42.230,
344.173

61, 23.091,
155.188

26, 45.689,
345.736

65, 28.585,
154.679

25, 47.811,
347.637

68, 33.910,
154.202

24, 49.164,
349.478

72, 39.074,

Harmonies

Complementary

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



41, 13.466, 339.000



46, 13.291, 155.900

Rectangle

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



41, 13.466, 339.000



41, 13.466, 29.000



41, 13.466, 159.000



41, 13.466, 209.000

Sweetspot

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



41, 13.464, 339.001



59, 4.699, 337.849



40, 15.122, 305.413



30, 3.098, 337.885



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41, 13.464, 339.001



51, 19.830, 339.371



41, 10.550, 10.372



22, 3.520, 338.070



25, 50.957, 349.640



54, 86.122, 351.348

Inverse Universe

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



41, 13.464, 339.001



51, 19.830, 339.371



46, 9.569, 186.834



22, 3.520, 338.070



25, 50.957, 349.640



54, 86.122, 351.348

Previews

White Background



This preview shows how the CIELCh color 41, 13.466, 339.000 looks on a white background.

Color Contrast Check

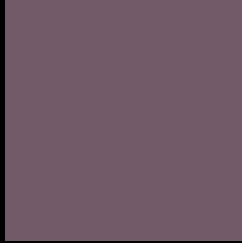
Large Text (above 18pt) WCAG AA ✓ Pass

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 41, 13.466, 339.000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

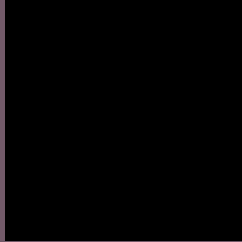
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 13.466, 339.000

Background



This preview shows how black text looks on a background with the CIELCh color 41, 13.466, 339.000.

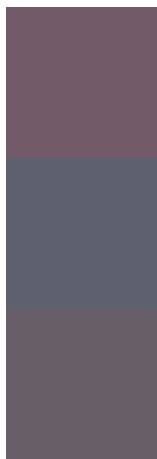


This preview shows how white text looks on a background with the CIELCh color 41, 13.466, 339.000.

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
41, 13.466, 339.000

Protanopia
41, 7.897, 288.498

Deuteranopia
41, 7.142, 322.131



Tritanopia
41, 10.250, 356.542

Trichromacy



Original Color
41, 13.466, 339.000

Protanomaly
41, 8.577, 313.463

Deuteranomaly
41, 9.590, 331.334

Tritanomaly
41, 10.751, 350.591

Monochromacy



Original Color
41, 13.466, 339.000

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.518, 337.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 13.466, 339.000 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(114, 90, 105)` looks like.

```
.text, #text, p{  
    color:rgb(114, 90, 105)  
}
```

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(114, 90, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 90, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 13.466, 339.000 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(114, 90, 105) }
```

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

```
.border{ border-color:rgb(114, 90, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 90, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 90, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 90, 105);  
box-shadow:4px 4px 4px 4px rgb(114, 90,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 13.466, 339.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 90, 105) }
```

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

```
.background{ background-color: rgb(114, 90,  
105) }
```

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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