

Converting Colors

CIELCh(41, 10.911, 307.904)

Have a look what the booklet for
CIELCh(41, 10.911, 307.904)
contains.

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Color

CIELCh(41, 10.743, 306.665)

Conversions

Conversions Part 1

Format	Color
Hex	655E6F
RGB	101, 94, 111
RGB Percent	40%, 37%, 44%
CMY	0.6048, 0.6322, 0.5656
CMYK	0.09, 0.15, 0.00, 0.57
HSL	265°, 8%, 40%
HSV	265°, 15%, 43%
XYZ	12.1835, 11.8645, 16.6234
YIQ	98.0310, -1.2850, 6.7710

Conversions

Conversions Part 2

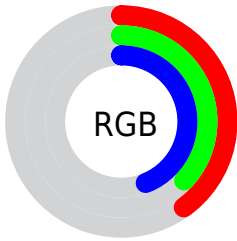
Format	Color
R_{YB}	101, 94, 111
Decimal	6643311
CIE _{Lab}	41.00, 6.42, -8.62
CIE _{LCh}	41, 10.743, 306.665
Yxy	11.8645, 0.2996, 0.2917
Android (android.graphics.Color)	4284833391 (0xFF655E6F)
YUV	98.0310, 6.3937, 2.6038
Hunter-Lab	34.4449, 2.8584, -4.5025

Details

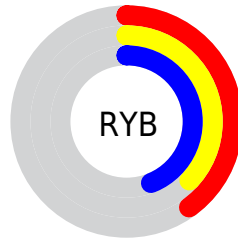
The CIELCh color $41, 10.743, 306.665$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 10.491, 125.222$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 11.165, 306.825$, and $21, 10.527, 306.618$ is the 20% darker color. If you saturate the color by 10%, you get $37, 18.005, 307.215$, and if you desaturate by 10%, it is $45, 3.685, 306.155$.

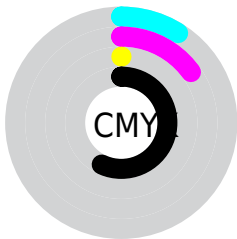
Distribution



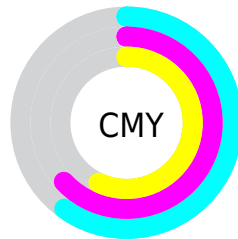
- Red (40%)
- Green (37%)
- Blue (44%)



- Red (40%)
- Yellow (37%)
- Blue (44%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (57%)



- Cyan (60%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 10.743, 306.665 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, 10.743, 306.665 by changing the saturation by 10% instead.

■ 41, 10.743,
306.665

■ 41, 10.743,
306.665

■ 100, 10.743,
306.665

■ 31, 10.743,
306.665

■ 61, 10.743,
306.665

■ 21, 10.743,
306.665

■ 71, 10.743,
306.665

■ 11, 10.743,
306.665

■ 81, 10.743,
306.665

■ 1, 10.743, 306.665

■ 91, 10.743,
306.665

■ 0, 10.743, 306.665

■ 41, 10.743,

■ 41, 10.743,

306.665

37, 18.005,
307.215

34, 25.452,
307.811

30, 33.027,
308.439

26, 40.630,
309.074

23, 48.074,
309.671

20, 55.056,
310.159

17, 61.131,
310.439

15, 66.010,
310.473

306.665

45, 3.685, 306.155

48, 3.156, 125.743

52, 9.785, 125.335

56, 16.208,
124.985

60, 22.432,
124.679

63, 28.469,
124.413

67, 34.328,
124.182

71, 40.020,
123.983

74, 45.554,

■ 14, 68.396,
310.584

123.811

Harmonies

Complementary

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



41, 10.743, 306.665



46, 10.491, 125.222

Rectangle

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



41, 10.743, 306.665



41, 10.743, 356.665



41, 10.743, 126.665



41, 10.743, 176.665

Sweetspot

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



41, 10.742, 306.663



57, 4.250, 306.145



43, 5.639, 245.644



29, 2.881, 306.171



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 10.742, 306.663



51, 15.596, 306.831



42, 12.043, 322.407



21, 3.943, 306.338



16, 72.418, 310.489



37, 124.505, 309.884

Inverse Universe

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



42, 9.309, 340.290



52, 13.484, 340.543



45, 11.997, 140.947



22, 3.430, 339.788



25, 50.080, 352.599



54, 84.715, 354.569

Previews

White Background



This preview shows how the CIELCh color 41, 10.743, 306.665 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 41, 10.743, 306.665 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, 10.743, 306.665

Background



This preview shows how black text looks on a background with the CIELCh color 41, 10.743, 306.665.



This preview shows how white text looks on a background with the CIELCh color 41, 10.743, 306.665.

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, 10.743, 306.665

Protanopia

41, 9.730, 287.048

Deuteranopia

41, 10.562, 302.478



Tritanopia
41, 5.153, 309.377

Trichromacy



Original Color
41, 10.743, 306.665

Protanomaly
41, 10.350, 293.883

Deuteranomaly
41, 10.646, 304.585

Tritanomaly
41, 7.011, 307.916

Monochromacy



Original Color
41, 10.743, 306.665

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 4.440, 306.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 10.743, 306.665 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(101, 94, 111)` looks like.

```
.text, #text, p{  
    color:rgb(101, 94, 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(101, 94, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 94, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 10.743, 306.665 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(101, 94, 111) }
```

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

```
.border{ border-color:rgb(101, 94, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 94, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 94, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 94, 111);  
box-shadow:4px 4px 4px 4px rgb(101, 94,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 10.743, 306.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 94, 111) }
```

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

```
.background{ background-color: rgb(101, 94,  
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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