

Converting Colors

CIELCh(40, 15.746, 341.691)

Have a look what the booklet for
CIELCh(40, 15.746, 341.691)
contains.

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Color

CIELCh(40, 15.855, 341.223)

Conversions

Conversions Part 1

Format	Color
Hex	735667
RGB	115, 86, 103
RGB Percent	45%, 34%, 40%
CMY	0.5495, 0.6632, 0.5965
CMYK	0.00, 0.25, 0.10, 0.55
HSL	325°, 14%, 39%
HSV	325°, 25%, 45%
XYZ	12.8155, 11.2510, 14.2975
YIQ	96.6090, 11.8270, 11.4350

Conversions

Conversions Part 2

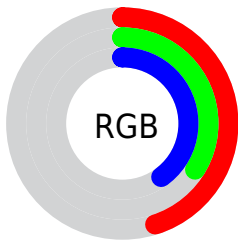
Format	Color
R_{YB}	115, 86, 103
Decimal	7558759
CIE _{Lab}	40.00, 15.01, -5.10
CIE _{LCh}	40, 15.855, 341.223
Yxy	11.2510, 0.3340, 0.2933
Android (android.graphics.Color)	4285748839 (0xFF735667)
YUV	96.6090, 3.1508, 16.1289
Hunter-Lab	33.5425, 9.4996, -1.7926

Details

The CIELCh color $40, 15.855, 341.223$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 15.555, 157.266$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 15.729, 340.989$, and $20, 15.949, 340.777$ is the 20% darker color. If you saturate the color by 10%, you get $37, 22.160, 342.136$, and if you desaturate by 10%, it is $43, 9.513, 340.389$.

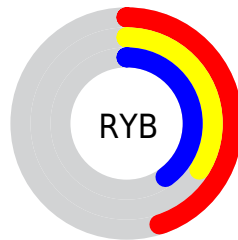
Distribution



Red (45%)

Green (34%)

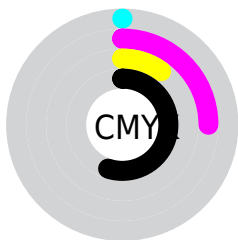
Blue (40%)



Red (45%)

Yellow (34%)

Blue (40%)

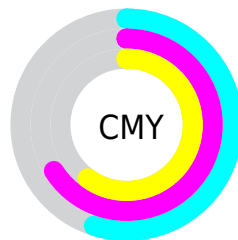


Cyan (0%)

Magenta (25%)

Yellow (10%)

Black (55%)



Cyan (55%)


Magenta (66%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 15.855, 341.223 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 40, 15.855, 341.223 by changing the saturation by 10% instead.


 40, 15.855,
341.223


 40, 15.855,
341.223


 100, 15.855,
341.223


 30, 15.855,
341.223

 60, 15.855,
341.223


 20, 15.855,
341.223


 70, 15.855,
341.223


 10, 15.855,
341.223

 80, 15.855,
341.223

 0, 15.855, 341.223

 90, 15.855,
341.223

 40, 15.855,

 40, 15.855,

341.223

37, 22.160,
342.136

34, 28.283,
343.149

31, 34.013,
344.299

29, 39.087,
345.633

27, 43.213,
347.220

25, 46.129,
349.154

24, 47.821,
351.493

24, 48.583,
352.618

341.223

43, 9.513, 340.389

47, 3.241, 339.581

50, 2.903, 159.044

53, 8.881, 158.334

57, 14.680,
157.716

60, 20.293,
157.144

64, 25.726,
156.610

68, 30.986,
156.110

71, 36.082,
155.641

Harmonies

Complementary

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



40, 15.855, 341.223



46, 15.555, 157.266

Rectangle

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



40, 15.855, 341.223



40, 15.855, 31.223



40, 15.855, 161.223



40, 15.855, 211.223

Sweetspot

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



40, 15.853, 341.224



59, 6.192, 339.828



39, 18.446, 306.815



30, 4.440, 339.930



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



40, 15.853, 341.224



50, 23.538, 341.720



40, 12.833, 13.444



23, 3.555, 339.895



26, 50.776, 352.848



54, 85.296, 354.778

Inverse Universe

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



40, 15.853, 341.224



50, 23.538, 341.720



46, 11.278, 189.320



23, 3.555, 339.895



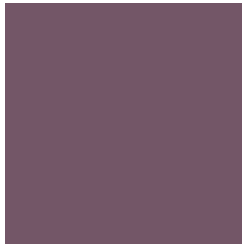
26, 50.776, 352.848



54, 85.296, 354.778

Previews

White Background



This preview shows how the CIELCh color 40, 15.855, 341.223 looks on a white background.

Color Contrast Check

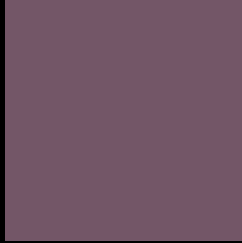
Large Text (above 18pt) WCAG AA ✓ Pass

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 40, 15.855, 341.223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

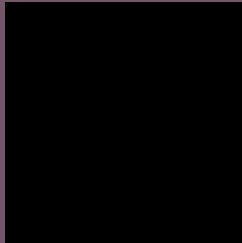
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 15.855, 341.223

Background



This preview shows how black text looks on a background with the CIELCh color 40, 15.855, 341.223.



This preview shows how white text looks on a background with the CIELCh color 40, 15.855, 341.223.

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

40, 15.855, 341.223

Protanopia

40, 8.553, 286.204

Deuteranopia

40, 6.962, 319.198



Tritanopia
40, 12.346, 1.190

Trichromacy



Original Color
40, 15.855, 341.223

Protanomaly
40, 9.900, 313.039

Deuteranomaly
40, 9.623, 331.349

Tritanomaly
40, 12.967, 353.515

Monochromacy



Original Color
40, 15.855, 341.223

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 6.289, 337.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 15.855, 341.223 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, 86, 103)` looks like.

```
.text, #text, p{  
    color:rgb(115, 86, 103)  
}
```

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, 86, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 86, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 15.855, 341.223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

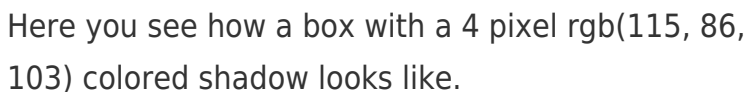
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 86, 103) }
```

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

```
.border{ border-color:rgb(115, 86, 103) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 86, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 86, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 86, 103); box-shadow:4px 4px 4px 4px rgb(115, 86, 103) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 15.855, 341.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 86, 103) }
```

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

```
.background{ background-color: rgb(115, 86,  
103) }
```

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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