

Converting Colors

CIELCh(40, 11.529, 344.087)

Have a look what the booklet for
CIELCh(40, 11.529, 344.087)
contains.

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Color

CIELCh(40, 11.764, 342.839)

Conversions

Conversions Part 1

Format	Color
Hex	6E5864
RGB	110, 88, 100
RGB Percent	43%, 35%, 39%
CMY	0.5680, 0.6543, 0.6073
CMYK	0.00, 0.20, 0.09, 0.57
HSL	327°, 11%, 39%
HSV	327°, 20%, 43%
XYZ	12.2583, 11.2510, 13.6197
YIQ	95.9460, 9.2600, 8.3960

Conversions

Conversions Part 2

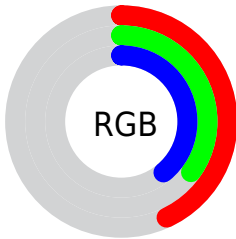
Format	Color
R_{YB}	110, 88, 100
Decimal	7231588
CIE _{Lab}	40.00, 11.24, -3.47
CIE _{LCh}	40, 11.764, 342.839
Yxy	11.2510, 0.3302, 0.3030
Android (android.graphics.Color)	4285421668 (0xFF6E5864)
YUV	95.9460, 1.9986, 12.3254
Hunter-Lab	33.5425, 6.5345, -0.5945

Details

The CIELCh color $40, 11.764, 342.839$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 11.542, 159.704$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 11.890, 342.638$, and $20, 11.888, 343.480$ is the 20% darker color. If you saturate the color by 10%, you get $37, 17.741, 343.757$, and if you desaturate by 10%, it is $43, 5.822, 341.995$.

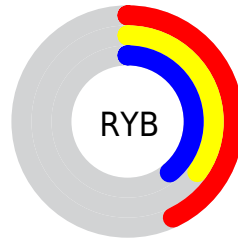
Distribution



 Red (43%)

 Green (35%)

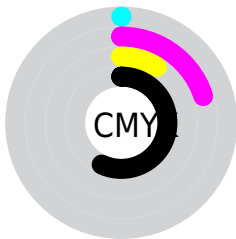
 Blue (39%)



 Red (43%)

 Yellow (35%)

 Blue (39%)

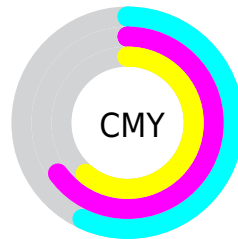



 Cyan (0%)


 Magenta (20%)

 Yellow (9%)

 Black (57%)



 Cyan (57%)


 Magenta (65%)


 Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 11.764, 342.839 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, 11.764, 342.839 by changing the saturation by 10% instead.


 40, 11.764,
342.839


 40, 11.764,
342.839


 100, 11.764,
342.839


 30, 11.764,
342.839

 60, 11.764,
342.839


 20, 11.764,
342.839


 70, 11.764,
342.839


 10, 11.764,
342.839

 80, 11.764,
342.839

 0, 11.764, 342.839

 90, 11.764,
342.839

 40, 11.764,

 40, 11.764,

342.839

342.839

■ 37, 17.741,
343.757

■ 43, 5.822, 341.995

■ 34, 23.644,
344.776

■ 47, 0.011, 186.037

■ 50, 5.691, 160.634

■ 31, 29.308,
345.932

■ 53, 11.201,
159.968

■ 29, 34.514,
347.274

■ 57, 16.533,
159.362

■ 27, 38.997,
348.869

■ 60, 21.689,
158.800

■ 25, 42.485,
350.809

■ 63, 26.676,
158.276

■ 23, 44.773,
353.210

■ 67, 31.502,
157.785

■ 22, 46.445,
355.871

■ 70, 36.180,

■ 22, 46.450,
355.877

157.326

Harmonies

Complementary

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



40, 11.764, 342.839



44, 11.542, 159.704

Rectangle

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



40, 11.764, 342.839



40, 11.764, 32.839



40, 11.764, 162.839



40, 11.764, 212.839

Sweetspot

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



40, 11.762, 342.841



57, 4.316, 341.673



39, 14.107, 308.236



29, 2.844, 341.711



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



40, 11.762, 342.841



50, 17.537, 343.257



40, 9.631, 16.787



22, 3.329, 341.916



25, 49.261, 356.237



54, 83.483, 358.519

Inverse Universe

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



40, 11.762, 342.841



50, 17.537, 343.257



45, 8.612, 194.038



22, 3.329, 341.916



25, 49.261, 356.237



54, 83.483, 358.519

Previews

White Background



This preview shows how the CIELCh color 40, 11.764, 342.839 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, 11.764, 342.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

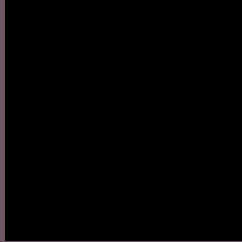
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 11.764, 342.839

Background



This preview shows how black text looks on a background with the CIELCh color 40, 11.764, 342.839.



This preview shows how white text looks on a background with the CIELCh color 40, 11.764, 342.839.

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, 11.764, 342.839

Protanopia

40, 6.103, 287.347

Deuteranopia

40, 5.704, 331.811



Tritanopia
40, 9.896, 355.463

Trichromacy



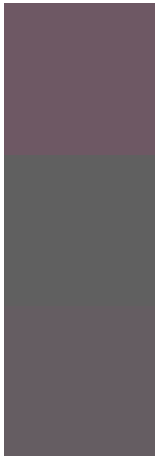
Original Color
40, 11.764, 342.839

Protanomaly
40, 7.330, 314.088

Deuteranomaly
40, 7.322, 338.772

Tritanomaly
40, 10.423, 349.350

Monochromacy



Original Color
40, 11.764, 342.839

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 4.542, 337.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 11.764, 342.839 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(110, 88, 100)` looks like.

```
.text, #text, p{  
    color:rgb(110, 88, 100)  
}
```

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(110, 88, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 88, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 11.764, 342.839 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(110, 88, 100) }
```

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

```
.border{ border-color:rgb(110, 88, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 88, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 88, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 88, 100);  
box-shadow:4px 4px 4px 4px rgb(110, 88,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 11.764, 342.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 88, 100) }
```

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

```
.background{ background-color: rgb(110, 88,  
100) }
```

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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