

Converting Colors

CIELCh(40, 16.667, 326.001)

Have a look what the booklet for
CIELCh(40, 16.667, 326.001)
contains.

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Color

CIELCh(40, 16.839, 325.513)

Conversions

Conversions Part 1

Format	Color
Hex	6E576E
RGB	110, 87, 110
RGB Percent	43%, 34%, 43%
CMY	0.5687, 0.6589, 0.5687
CMYK	0.00, 0.21, 0.00, 0.57
HSL	300°, 12%, 39%
HSV	300°, 21%, 43%
XYZ	12.6465, 11.2510, 16.2498
YIQ	96.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

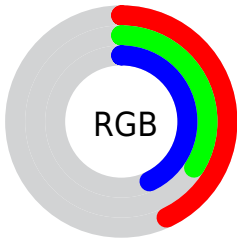
Format	Color
R_{YB}	110, 87, 110
Decimal	7231342
CIE Lab	40.00, 13.88, -9.53
CIE LCh	40, 16.839, 325.513
Yxy	11.2510, 0.3150, 0.2802
Android (android.graphics.Color)	4285421422 (0xFF6E576E)
YUV	96.4990, 6.6560, 11.8404
Hunter-Lab	33.5425, 8.6006, -5.2436

Details

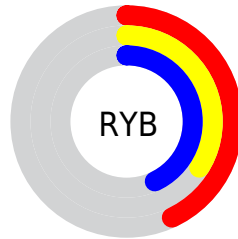
The CIELCh color $40, 16.839, 325.513$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 16.826, 143.181$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 17.044, 325.258$, and $20, 16.934, 326.035$ is the 20% darker color. If you saturate the color by 10%, you get $37, 24.861, 326.023$, and if you desaturate by 10%, it is $43, 8.756, 324.987$.

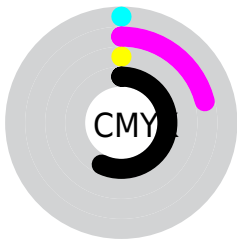
Distribution



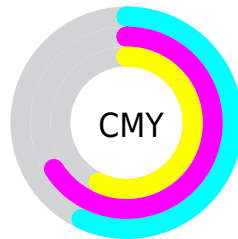
- Red (43%)
- Green (34%)
- Blue (43%)



- Red (43%)
- Yellow (34%)
- Blue (43%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (57%)





- Cyan (57%)
- Magenta (66%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 16.839, 325.513 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, 16.839, 325.513 by changing the saturation by 10% instead.


 40, 16.839,
325.513


 40, 16.839,
325.513


 100, 16.839,
325.513


 30, 16.839,
325.513

 60, 16.839,
325.513


 20, 16.839,
325.513

 70, 16.839,
325.513


 10, 16.839,
325.513

 80, 16.839,
325.513

 0, 16.839, 325.513

 90, 16.839,
325.513

 40, 16.839,

 40, 16.839,

325.513

37, 24.861,
326.023

34, 32.663,
326.508

32, 40.032,
326.956

30, 46.710,
327.353

28, 52.417,
327.684

27, 56.898,
327.938

26, 59.987,
328.110

25, 62.193,
328.232

325.513

43, 8.756, 324.987

46, 0.731, 324.261

49, 7.159, 144.004

53, 14.865,
143.498

56, 22.362,
143.020

59, 29.636,
142.566

62, 36.685,
142.136

66, 43.512,
141.732

69, 50.125,

Harmonies

Complementary

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



40, 16.839, 325.513



44, 16.826, 143.181

Rectangle

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



40, 16.839, 325.513



40, 16.839, 15.513



40, 16.839, 145.513



40, 16.839, 195.513

Sweetspot

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



40, 16.838, 325.513



57, 5.949, 324.726



38, 13.937, 291.761



29, 3.920, 324.751



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, 16.838, 325.513



50, 24.941, 325.758



40, 12.077, 344.455



22, 4.583, 324.885



28, 66.124, 328.232



59, 112.931, 328.232

Inverse Universe

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



39, 10.128, 20.809



49, 15.263, 21.258



44, 11.804, 161.064



22, 2.649, 19.857



24, 58.001, 37.789



52, 102.189, 40.000

Previews

White Background



This preview shows how the CIELCh color 40, 16.839, 325.513 looks on a white background.

Color Contrast Check

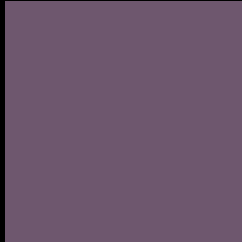
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.839, 325.513 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, 16.839, 325.513

Background



This preview shows how black text looks on a background with the CIELCh color 40, 16.839, 325.513.



This preview shows how white text looks on a background with the CIELCh color 40, 16.839, 325.513.

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, 16.839, 325.513

Protanopia

40, 12.244, 284.875

Deuteranopia

40, 10.601, 302.494



Tritanopia
40, 9.126, 352.974

Trichromacy



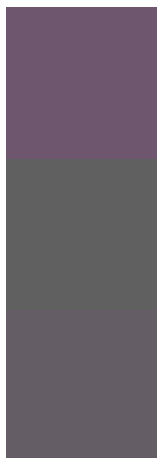
Original Color
40, 16.839, 325.513

Protanomaly
40, 13.688, 301.997

Deuteranomaly
40, 12.613, 314.218

Tritanomaly
40, 11.816, 339.130

Monochromacy



Original Color
40, 16.839, 325.513

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 5.916, 324.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 16.839, 325.513 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, 87, 110)` looks like.

```
.text, #text, p{  
    color:rgb(110, 87, 110)  
}
```

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, 87, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 87, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 16.839, 325.513 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, 87, 110) }
```

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

```
.border{ border-color:rgb(110, 87, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 87, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 87, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 87, 110);  
box-shadow:4px 4px 4px 4px rgb(110, 87,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 16.839, 325.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 87, 110) }
```

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

```
.background{ background-color: rgb(110, 87,  
110) }
```

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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