

Converting Colors

CIELCh(40, 13.261, 345.944)

Have a look what the booklet for
CIELCh(40, 13.261, 345.944)
contains.

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Color

CIELCh(40, 13.467, 345.576)

Conversions

Conversions Part 1

Format	Color
Hex	715764
RGB	113, 87, 100
RGB Percent	44%, 34%, 39%
CMY	0.5568, 0.6588, 0.6078
CMYK	0.00, 0.23, 0.12, 0.56
HSL	330°, 13%, 39%
HSV	330°, 23%, 44%
XYZ	12.5225, 11.2510, 13.5721
YIQ	96.2560, 11.3230, 9.5550

Conversions

Conversions Part 2

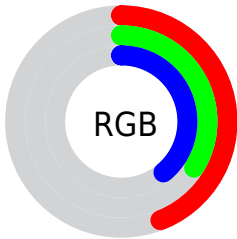
Format	Color
R_{YB}	113, 87, 100
Decimal	7427940
CIE Lab	40.00, 13.04, -3.35
CIE LCh	40, 13.467, 345.576
Yxy	11.2510, 0.3353, 0.3013
Android (android.graphics.Color)	4285618020 (0xFF715764)
YUV	96.2560, 1.8458, 14.6845
Hunter-Lab	33.5425, 7.9406, -0.5105

Details

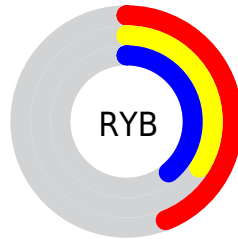
The CIELCh color $40, 13.467, 345.576$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 13.104, 161.729$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 13.479, 345.070$, and $20, 13.739, 346.711$ is the 20% darker color. If you saturate the color by 10%, you get $37, 19.415, 346.591$, and if you desaturate by 10%, it is $43, 7.542, 344.663$.

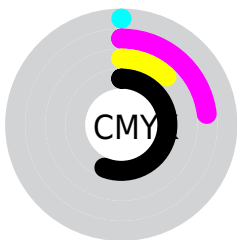
Distribution



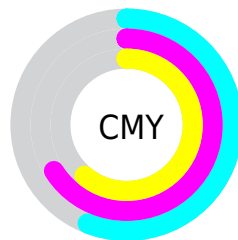
- Red (44%)
- Green (34%)
- Blue (39%)



- Red (44%)
- Yellow (34%)
- Blue (39%)



- Cyan (0%)
- Magenta (23%)
- Yellow (12%)
- Black (56%)





- Cyan (56%)
- Magenta (66%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 13.467, 345.576 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, 13.467, 345.576 by changing the saturation by 10% instead.


 40, 13.467,
345.576


 40, 13.467,
345.576


 100, 13.467,
345.576


 30, 13.467,
345.576

 60, 13.467,
345.576


 20, 13.467,
345.576

 70, 13.467,
345.576


 10, 13.467,
345.576

 80, 13.467,
345.576

 0, 13.467, 345.576

 90, 13.467,
345.576

 40, 13.467,

 40, 13.467,

345.576

345.576

■ 37, 19.415,
346.591

■ 43, 7.542, 344.663

■ 34, 25.264,
347.738

■ 47, 1.724, 343.730

■ 31, 30.835,
349.066

■ 50, 3.941, 163.210

■ 29, 35.889,
350.639

■ 57, 14.736,
161.847

■ 27, 40.156,
352.547

■ 60, 19.858,
161.256

■ 25, 43.375,
354.909

■ 64, 24.805,
160.709

■ 24, 45.417,
357.846

■ 67, 29.585,
160.199

■ 23, 46.692,
359.981

■ 71, 34.211,
159.722

Harmonies

Complementary

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



40, 13.467, 345.576



45, 13.104, 161.729

Rectangle

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



40, 13.467, 345.576



40, 13.467, 35.576



40, 13.467, 165.576



40, 13.467, 215.576

Sweetspot

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



40, 13.465, 345.578



58, 5.028, 344.151



39, 16.805, 310.095



30, 3.247, 344.185



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



40, 13.465, 345.578



50, 20.504, 346.145



40, 11.485, 21.008



22, 3.228, 344.311



25, 48.658, 0.265



53, 82.706, 2.870

Inverse Universe

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



40, 13.465, 345.578



50, 20.504, 346.145



46, 9.941, 198.306



22, 3.228, 344.311



25, 48.658, 0.265



53, 82.706, 2.870

Previews

White Background



This preview shows how the CIELCh color 40, 13.467, 345.576 looks on a white background.

Color Contrast Check

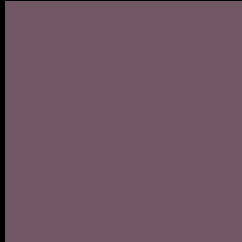
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.467, 345.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

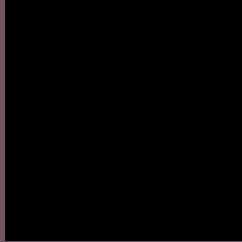
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 13.467, 345.576

Background



This preview shows how black text looks on a background with the CIELCh color 40, 13.467, 345.576.

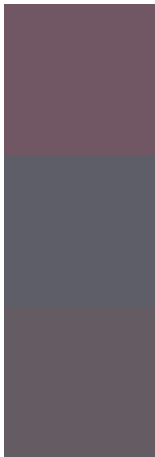


This preview shows how white text looks on a background with the CIELCh color 40, 13.467, 345.576.

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, 13.467, 345.576

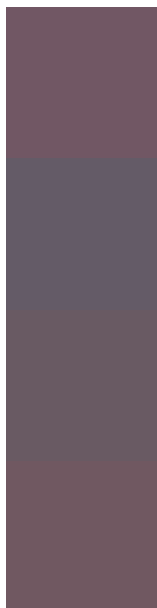
Protanopia
40, 6.103, 287.347

Deuteranopia
40, 5.704, 331.811



Tritanopia
40, 11.104, 358.604

Trichromacy



Original Color
40, 13.467, 345.576

Protanomaly
40, 8.240, 317.747

Deuteranomaly
40, 8.356, 339.636

Tritanomaly
40, 11.556, 352.961

Monochromacy



Original Color
40, 13.467, 345.576

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 4.513, 347.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 13.467, 345.576 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(113, 87, 100)` looks like.

```
.text, #text, p{  
    color:rgb(113, 87, 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(113, 87, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 87, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 13.467, 345.576 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(113, 87, 100) }
```

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

```
.border{ border-color:rgb(113, 87, 100) }
```

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

Here you see how a box with a 4 pixel rgb(113, 87, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 87, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 87, 100);  
box-shadow:4px 4px 4px 4px rgb(113, 87,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 13.467, 345.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 87, 100) }
```

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

```
.background{ background-color: rgb(113, 87,  
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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