

Converting Colors

CIELCh(40, 6.467, 345.240)

Have a look what the booklet for
CIELCh(40, 6.467, 345.240) contains.

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Color

CIELCh(40, 6.250, 344.531)

Conversions

Conversions Part 1

Format	Color
Hex	675B61
RGB	103, 91, 97
RGB Percent	40%, 36%, 38%
CMY	0.5957, 0.6428, 0.6193
CMYK	0.00, 0.12, 0.06, 0.60
HSL	330°, 6%, 38%
HSV	330°, 12%, 40%
XYZ	11.5144, 11.2510, 12.8959
YIQ	95.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

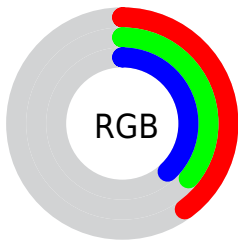
Format	Color
R_{YB}	103, 91, 97
Decimal	6773601
CIE Lab	40.00, 6.02, -1.67
CIE LCh	40, 6.250, 344.531
Yxy	11.2510, 0.3229, 0.3155
Android (android.graphics.Color)	4284963681 (0xFF675B61)
YUV	95.2720, 0.8519, 6.7775
Hunter-Lab	33.5425, 2.5760, 0.6848

Details


The CIELCh color $40, 6.250, 344.531$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42, 6.160, 162.777$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 6.444, 342.246$, and $20, 6.583, 342.641$ is the 20% darker color. If you saturate the color by 10%, you get $37, 11.729, 345.429$, and if you desaturate by 10%, it is $43, 0.873, 343.494$.

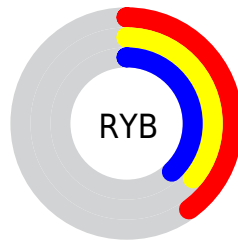
Distribution



 Red (40%)

 Green (36%)

 Blue (38%)



 Red (40%)

 Yellow (36%)

 Blue (38%)

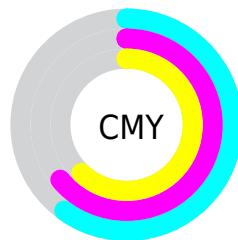


 Cyan (0%)

 Magenta (12%)

 Yellow (6%)

 Black (60%)



 Cyan (60%)

 Magenta (64%)

 Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 6.250, 344.531 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, 6.250, 344.531 by changing the saturation by 10% instead.

■ 40, 6.250, 344.531

■ 40, 6.250, 344.531

■ 100, 6.250,
344.531

■ 30, 6.250, 344.531

■ 60, 6.250, 344.531

■ 20, 6.250, 344.531

■ 70, 6.250, 344.531

■ 10, 6.250, 344.531

■ 80, 6.250, 344.531

■ 0, 6.250, 344.531

■ 90, 6.250, 344.531

■ 40, 6.250, 344.531

■ 40, 6.250, 344.531

■ 37, 11.729,
345.429

■ 43, 0.873, 343.494

■ 34, 17.248,

■ 46, 4.359, 163.112

346.413

49, 9.427, 162.412

31, 22.698,
347.522

53, 14.327,
161.784

29, 27.926,
348.799

56, 19.059,
161.205

26, 32.726,
350.302

59, 23.630,
160.666

24, 36.853,
352.113

62, 28.050,
160.164

23, 40.066,
354.341

66, 32.330,
159.695

21, 42.206,
357.110

69, 36.479,
159.256

21, 43.801,
359.515

Harmonies

Complementary

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



40, 6.250, 344.531



42, 6.160, 162.777

Rectangle

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



40, 6.250, 344.531



40, 6.250, 34.531



40, 6.250, 164.531



40, 6.250, 214.531

Sweetspot

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



40, 6.249, 344.535



55, 1.993, 343.739



40, 7.767, 309.551



28, 1.524, 343.820



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



40, 6.249, 344.535



51, 9.415, 344.776



40, 5.163, 20.048



20, 2.978, 344.298



23, 47.192, 0.060



52, 81.418, 2.819

Inverse Universe

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



40, 6.249, 344.535



51, 9.415, 344.776



43, 4.818, 198.884



20, 2.978, 344.298



23, 47.192, 0.060



52, 81.418, 2.819

Previews

White Background



This preview shows how the CIELCh color 40, 6.250, 344.531 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 CIE LCh color 40, 6.250, 344.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

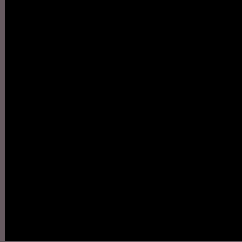
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 6.250, 344.531

Background



This preview shows how black text looks on a background with the CIELCh color 40, 6.250, 344.531.



This preview shows how white text looks on a background with the CIELCh color 40, 6.250, 344.531.

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, 6.250, 344.531

Protanopia

40, 3.084, 298.316

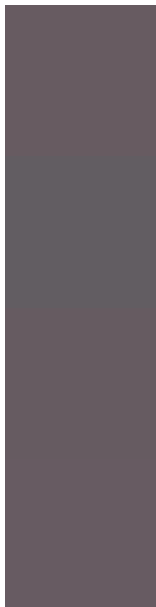
Deuteranopia

40, 5.912, 342.051



Tritanopia
40, 6.615, 340.230

Trichromacy



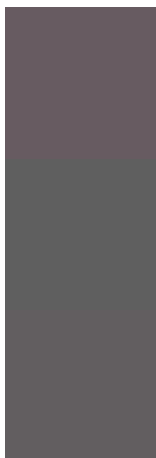
Original Color
40, 6.250, 344.531

Protanomaly
40, 3.711, 324.661

Deuteranomaly
40, 5.912, 342.051

Tritanomaly
40, 6.615, 340.230

Monochromacy



Original Color
40, 6.250, 344.531

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 2.084, 343.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 6.250, 344.531 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(103, 91, 97)` looks like.

```
.text, #text, p{  
    color:rgb(103, 91, 97)  
}
```

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(103, 91, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 91, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 6.250, 344.531 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(103, 91, 97) }
```

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

```
.border{ border-color:rgb(103, 91, 97) }
```

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

Here you see how a box with a 4 pixel rgb(103, 91, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 91, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 91, 97);  
box-shadow:4px 4px 4px 4px rgb(103, 91,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 6.250, 344.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 91, 97) }
```

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

```
.background{ background-color: rgb(103, 91,  
97) }
```

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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