Converting Colors

CIELCh(40, 5.650, 354.681)

Have a look what the booklet for CIELCh(40, 5.650, 354.681) contains.

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Color

CIELCh(40, 5.650, 354.681)

Conversions

Format	Color
Hex	675B5F
RGB	103, 91, 95
RGB Percent	40%, 36%, 37%
CMY	0.5951, 0.6422, 0.6265
CMYK	0.00, 0.12, 0.08, 0.60
HSL	340°, 6%, 38%
HSV	340°, 12%, 40%
XYZ	11.4590, 11.2510, 12.4508
YIQ	95.0440, 5.8680, 3.7880

Conversions Part 1

Conversions

Conversions Part 2

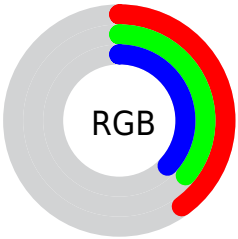
Format	Color
RYB	103, 91, 95
Decimal	6773599
CIELab	40.00, 5.63, -0.52
CIELCh	40, 5.650, 354.681
Yxy	11.2510, 0.3259, 0.3200
Android (android.graphics.Color)	4284963679 (0xFF675B5F)
YUV	95.0440, -0.0217, 6.9774
Hunter-Lab	33.5425, 2.2809, 1.4715

Details

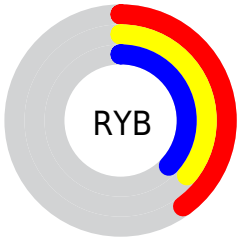
The CIELCh color 40, 5.650, 354.681 is a dark color, and the websafe version is hex 666666. A complement of this color would be 43, 5.494, 172.747, and the grayscale version is 40, 0.006, 296.813.

A 20% lighter version of the original color is 60, 5.589, 356.137, and 20, 5.891, 353.302 is the 20% darker color. If you saturate the color by 10%, you get 37, 10.680, 355.733, and if you desaturate by 10%, it is 43, 0.779, 353.470.

Distribution

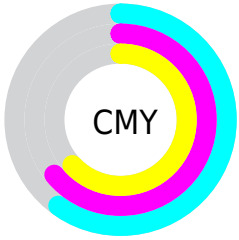


- Red (40%)
- Green (36%)
- Blue (37%)



- Red (40%)
- Yellow (36%)
- Blue (37%)

- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (60%)



- Cyan (60%)
- Magenta (64%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 5.650, 354.681 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, 5.650, 354.681 by changing the saturation by 10% instead.

40, 5.650, 354.681

100, 5.650, 354.681

60, 5.650, 354.681

70, 5.650, 354.681

80, 5.650, 354.681

90, 5.650, 354.681

40, 5.650, 354.681

30, 5.650, 354.681

20, 5.650, 354.681

10, 5.650, 354.681

0, 5.650, 354.681

40, 5.650, 354.681

37, 10.680, 355.733

34, 15.823,

40, 5.650, 354.681

43, 0.779, 353.470

46, 3.907, 173.112

356.919

31, 20.996, 358.303

28, 26.069, 359.957

26, 30.867, 1.970

24, 35.180, 4.464

22, 38.804, 7.582

21, 41.629, 11.452

20, 43.962, 14.721

50, 8.401, 172.351

53, 12.707, 171.685

56, 16.833, 171.080

59, 20.793, 170.527

63, 24.598, 170.017

66, 28.262, 169.544

69, 31.799, 169.105

Harmonies

Complementary

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

40, 5.650, 354.681

43, 5.494, 172.747

Rectangle

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

40, 5.650, 354.681

40, 5.650, 44.681

40, 5.650, 174.681

40, 5.650, 224.681

Sweetspot

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

40, 5.649, 354.688

55, 1.792, 353.770

40, 8.064, 315.111

28, 1.371, 353.865

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, 5.649, 354.688

51, 8.525, 354.968

40, 4.468, 35.583

19, 2.687, 354.417

23, 47.487, 15.455

51, 83.522, 19.113

Inverse Universe

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

40, 5.649, 354.688

51, 8.525, 354.968

42, 4.166, 215.913

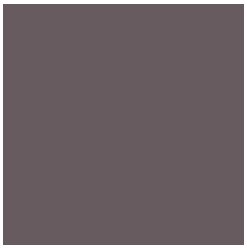
19, 2.687, 354.417

23, 47.487, 15.455

51, 83.522, 19.113

Previews

White Background

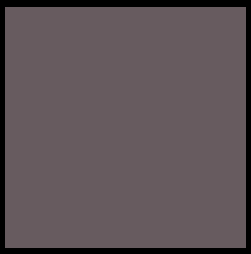


This preview shows how the CIELCh color 40, 5.650, 354.681 looks on a white background.

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



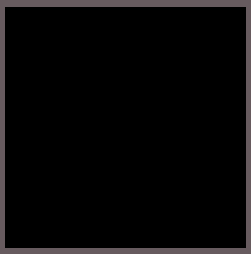
This preview shows how the CIELCh color 40, 5.650, 354.681 looks on a black background.

Color Contrast Check

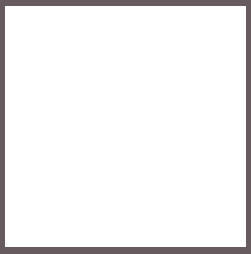
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 40, 5.650, 354.681 Background



This preview shows how black text looks on a background with the CIELCh color 40, 5.650, 354.681.



This preview shows how white text looks on a background with the CIELCh color 40, 5.650, 354.681.

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, 5.650, 354.681

Protanopia
40, 1.884, 303.184

Deuteranopia
40, 5.650, 354.681

Tritanopia
40, 6.942, 342.556

Trichromacy

Original Color
40, 5.650, 354.681

Protanomaly
40, 2.797, 338.907

Deuteranomaly
40, 5.650, 354.681

Tritanomaly
40, 6.598, 346.766

Monochromacy

Original Color
40, 5.650, 354.681

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 1.796, 359.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 5.650, 354.681 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, 95) looks like.

```
.text, #text, p{
    color:rgb(103, 91, 95)
}
```

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, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 91, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 5.650, 354.681 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, 95) }
```

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

```
.border{ border-color:rgb(103, 91, 95) }
```

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, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 91, 95); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 91, 95); box-shadow:4px 4px 4px 4px rgb(103, 91, 95) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 5.650, 354.681 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, 95) }
```

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

```
.background{ background-color:rgb(103, 91,
95) }
```

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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