Converting Colors

CIELCh(44, 3.975, 40.916)

Have a look what the booklet for CIELCh(44, 3.975, 40.916) contains.

CIELCh(44, 3.977, 37.205) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 20
- ***Color Blindness Simulation*** 23
- ***CSS Examples*** 26

Color

CIELCh(44, 3.977, 37.205)

Conversions

Format	Color
Hex	6F6664
RGB	111, 102, 100
RGB Percent	44%, 40%, 39%
CMY	0.5642, 0.5995, 0.6073
CMYK	0.00, 0.08, 0.10, 0.56
HSL	11°, 5%, 41%
HSV	11°, 10%, 44%
XYZ	13.6420, 13.8382, 14.0409
YIQ	104.4630, 6.0060, 1.2860

Conversions Part 1

Conversions

Conversions Part 2

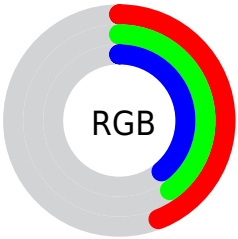
Format	Color
RYB	111, 102, 100
Decimal	7300708
CIELab	44.00, 3.17, 2.40
CIELCh	44, 3.977, 37.205
Yxy	13.8382, 0.3286, 0.3333
Android (android.graphics.Color)	4285490788 (0xFF6F6664)
YUV	104.4630, -2.2003, 5.7329
Hunter-Lab	37.1997, 0.3607, 3.6610

Details

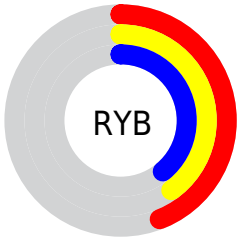
The CIELCh color 44, 3.977, 37.205 is a dark color, and the websafe version is hex 666666. A complement of this color would be 45, 3.749, 217.691, and the grayscale version is 44, 0.006, 296.813.

A 20% lighter version of the original color is 64, 4.051, 35.539, and 24, 4.014, 39.186 is the 20% darker color. If you saturate the color by 10%, you get 41, 8.314, 37.266, and if you desaturate by 10%, it is 47, 0.041, 226.229.

Distribution

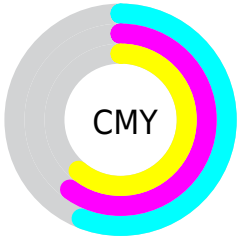


- Red (44%)
- Green (40%)
- Blue (39%)



- Red (44%)
- Yellow (40%)
- Blue (39%)

- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (56%)



- Cyan (56%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 3.977, 37.205 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 44, 3.977, 37.205 by changing the saturation by 10% instead.

44, 3.977, 37.205	44, 3.977, 37.205
100, 3.977, 37.205	34, 3.977, 37.205
64, 3.977, 37.205	24, 3.977, 37.205
74, 3.977, 37.205	14, 3.977, 37.205
84, 3.977, 37.205	4, 3.977, 37.205
94, 3.977, 37.205	0, 3.977, 37.205

44, 3.977, 37.205	44, 3.977, 37.205
41, 8.314, 37.266	47, 0.041, 226.229
38, 12.997, 37.397	50, 3.765, 217.682
36, 18.044, 37.675	53, 7.230, 217.861

33, 23.454, 38.141

31, 29.199, 38.829

28, 35.206, 39.749

26, 41.312, 40.856

25, 47.051, 41.787

23, 51.594, 42.073

56, 10.462, 218.107

59, 13.490, 218.387

62, 16.338, 218.688

65, 19.027, 219.001

68, 21.576, 219.321

71, 24.002, 219.643

Harmonies

Complementary

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

44, 3.977, 37.205

45, 3.749, 217.691

Rectangle

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

44, 3.977, 37.205

44, 3.977, 87.205

44, 3.977, 217.205

44, 3.977, 267.205

Sweetspot

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

44, 3.976, 37.226

59, 1.462, 37.080

44, 7.136, 329.930

31, 1.120, 37.128

81, 0.010, 296.813

31, 0.005, 296.813

Same Dimension

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

44, 3.976, 37.226

56, 6.064, 37.233

46, 4.607, 89.931

22, 2.269, 37.222

25, 55.205, 42.488

54, 98.235, 42.575

Inverse Universe

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

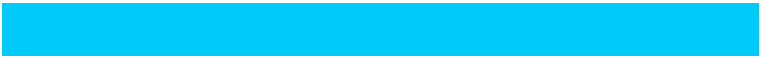
45, 3.749, 217.691

58, 5.629, 217.736

44, 4.606, 272.381

23, 2.151, 217.679

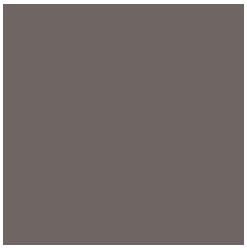
38, 24.936, 230.166



76, 42.686, 232.356

Previews

White Background

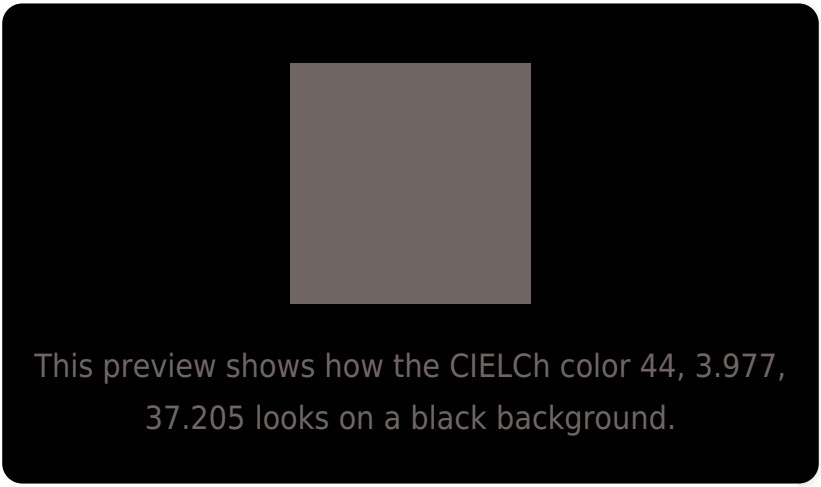


This preview shows how the CIELCh color 44, 3.977, 37.205 looks on a white background.

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



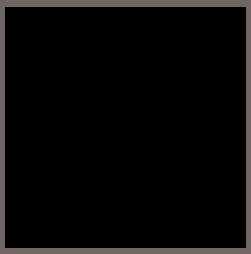
This preview shows how the CIELCh color 44, 3.977, 37.205 looks on a black background.

Color Contrast Check

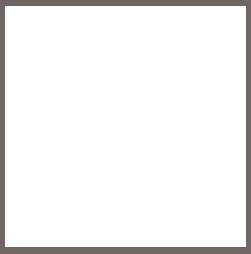
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

CIELCh 44, 3.977, 37.205 Background



This preview shows how black text looks on a background with the CIELCh color 44, 3.977, 37.205.



This preview shows how white text looks on a background with the CIELCh color 44, 3.977, 37.205.

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
44, 3.977, 37.205

Protanopia
44, 2.174, 74.674

Deuteranopia
44, 5.973, 25.803

Tritanopia
44, 6.607, 333.792

Trichromacy

Original Color
44, 3.977, 37.205

Protanomaly
44, 2.777, 44.997

Deuteranomaly
44, 5.542, 26.193

Tritanomaly
44, 5.468, 346.934

Monochromacy

Original Color
44, 3.977, 37.205

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 1.374, 45.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 3.977, 37.205 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(111, 102, 100) looks like.

```
.text, #text, p{
    color:rgb(111, 102, 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(111, 102, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 102, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 3.977, 37.205 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(111, 102, 100) }
```

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

```
.border{ border-color:rgb(111, 102, 100) }
```

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

Here you see how a box with a 4 pixel rgb(111, 102, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 102, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 102, 100); box-shadow:4px 4px 4px 4px rgb(111, 102, 100) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 3.977, 37.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(111, 102, 100) }
```

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

```
.background{ background-color:rgb(111,
102, 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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