

Converting Colors

CIELCh(44, 6.174, 71.284)

Have a look what the booklet for
CIELCh(44, 6.174, 71.284) contains.

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Color

CIELCh(44, 6.379, 76.688)

Conversions

Conversions Part 1

Format	Color
Hex	6F675E
RGB	111, 103, 94
RGB Percent	44%, 40%, 37%
CMY	0.5654, 0.5968, 0.6321
CMYK	0.00, 0.07, 0.15, 0.57
HSL	32°, 8%, 40%
HSV	32°, 15%, 43%
XYZ	13.3782, 13.8382, 12.5145
YIQ	104.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

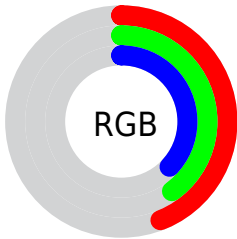
Format	Color
R_{YB}	109, 111, 94
Decimal	7300958
CIE Lab	44.00, 1.47, 6.21
CIE LCh	44, 6.379, 76.688
Yxy	13.8382, 0.3367, 0.3483
Android (android.graphics.Color)	4285491038 (0xFF6F675E)
YUV	104.3660, -5.1104, 5.8180
Hunter-Lab	37.1997, -0.9054, 6.0938

Details

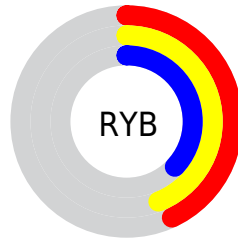
The CIELCh color $44, 6.379, 76.688$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 6.192, 260.592$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 6.592, 76.747$, and $24, 6.300, 76.294$ is the 20% darker color. If you saturate the color by 10%, you get $42, 10.753, 75.499$, and if you desaturate by 10%, it is $46, 2.174, 77.826$.

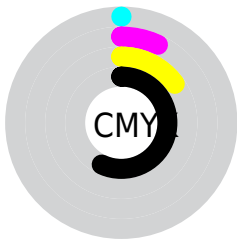
Distribution



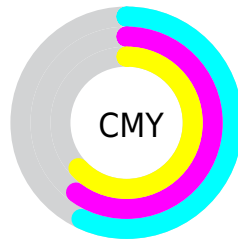
- Red (44%)
- Green (40%)
- Blue (37%)



- Red (43%)
- Yellow (44%)
- Blue (37%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (57%)



- Cyan (57%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 6.379, 76.688 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, 6.379, 76.688 by changing the saturation by 10% instead.

 44, 6.379, 76.688	 44, 6.379, 76.688
 100, 6.379, 76.688	 34, 6.379, 76.688
 64, 6.379, 76.688	 24, 6.379, 76.688
 74, 6.379, 76.688	 14, 6.379, 76.688
 84, 6.379, 76.688	 4, 6.379, 76.688
 94, 6.379, 76.688	 0, 6.379, 76.688

 44, 6.379, 76.688	 44, 6.379, 76.688
 42, 10.753, 75.499	 46, 2.174, 77.826
 40, 15.300, 74.268	 48, 1.875, 259.211
 39, 20.016, 73.016	 49, 5.782, 260.258

■ 37, 24.874, 71.739

■ 51, 9.560, 261.332

■ 36, 29.808, 70.419

■ 53, 13.222,
262.374

■ 34, 34.674, 69.004

■ 55, 16.782,
263.376

■ 33, 39.200, 67.385

■ 31, 43.163, 65.519

■ 57, 20.250,
264.335

■ 31, 45.204, 64.869

■ 59, 23.636,
265.251

■ 61, 26.948,
266.124

Harmonies

Complementary

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



44, 6.379, 76.688



43, 6.192, 260.592

Rectangle

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



44, 6.379, 76.688



44, 6.379, 126.688



44, 6.379, 256.688



44, 6.379, 306.688

Sweetspot

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



44, 6.379, 76.702



58, 2.507, 77.846



42, 8.679, 345.792



30, 1.701, 77.795



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 6.379, 76.702



55, 9.276, 76.329



46, 10.021, 109.472



23, 2.333, 77.434



33, 47.961, 64.590



67, 82.621, 62.351

Inverse Universe

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



43, 6.192, 260.592



54, 8.940, 261.058



40, 10.358, 292.352



22, 2.298, 259.733



24, 42.162, 285.045



51, 76.242, 287.681

Previews

White Background



This preview shows how the CIELCh color 44, 6.379, 76.688 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, 6.379, 76.688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

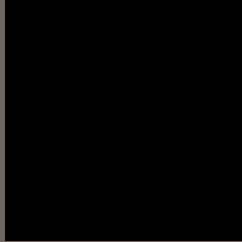
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 6.379, 76.688

Background



This preview shows how black text looks on a background with the CIELCh color 44, 6.379, 76.688.

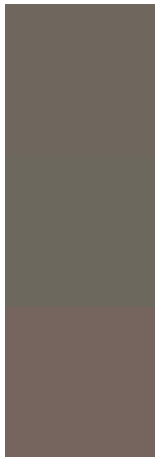


This preview shows how white text looks on a background with the CIELCh color 44, 6.379, 76.688.

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, 6.379, 76.688

Protanopia

44, 6.198, 93.243

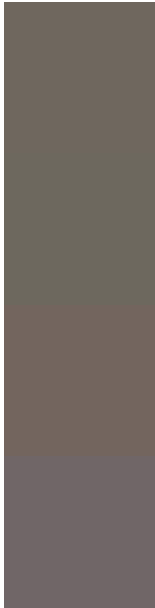
Deuteranopia

44, 8.633, 44.627



Tritanopia
44, 6.896, 336.344

Trichromacy



Original Color

44, 6.379, 76.688

Protanomaly

44, 6.330, 89.480

Deuteranomaly

44, 7.382, 54.315

Tritanomaly

44, 4.230, 11.768

Monochromacy



Original Color

44, 6.379, 76.688

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 2.520, 90.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 6.379, 76.688 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, 103, 94)` looks like.

```
.text, #text, p{  
    color:rgb(111, 103, 94)  
}
```

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, 103, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 103, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 6.379, 76.688 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, 103, 94) }
```

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

```
.border{ border-color:rgb(111, 103, 94) }
```

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

Here you see how a box with a 4 pixel rgb(111, 103, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 103, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 103, 94);  
box-shadow:4px 4px 4px 4px rgb(111, 103,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 6.379, 76.688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 103, 94) }
```

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

```
.background{ background-color: rgb(111,  
103, 94) }
```

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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