

Converting Colors

CIELCh(44, 15.611, 94.772)

Have a look what the booklet for
CIELCh(44, 15.611, 94.772) contains.

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Color

CIELCh(44, 15.870, 94.741)

Conversions

Conversions Part 1

Format	Color
Hex	70684E
RGB	112, 104, 78
RGB Percent	44%, 41%, 31%
CMY	0.5616, 0.5929, 0.6949
CMYK	0.00, 0.07, 0.30, 0.56
HSL	46°, 18%, 37%
HSV	46°, 30%, 44%
XYZ	12.9537, 13.8382, 9.1594
YIQ	103.4280, 13.1140, -6.3900

Conversions

Conversions Part 2

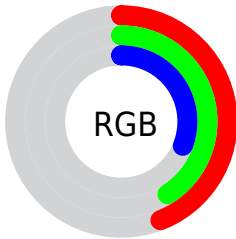
Format	Color
R_{YB}	88, 112, 78
Decimal	7366734
CIE Lab	44.00, -1.31, 15.82
CIE LCh	44, 15.870, 94.741
Yxy	13.8382, 0.3603, 0.3849
Android (android.graphics.Color)	4285556814 (0xFF70684E)
YUV	103.4280, -12.5360, 7.5176
Hunter-Lab	37.1997, -2.9423, 11.4413

Details

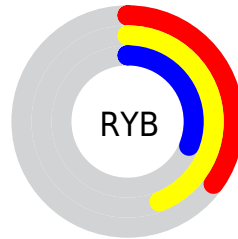
The CIELCh color **44, 15.870, 94.741** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **37, 16.261, 282.347**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 15.950, 95.021**, and **24, 16.091, 93.669** is the 20% darker color. If you saturate the color by 10%, you get **43, 21.135, 93.550**, and if you desaturate by 10%, it is **45, 10.608, 95.914**.

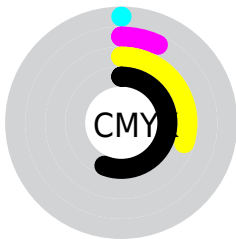
Distribution



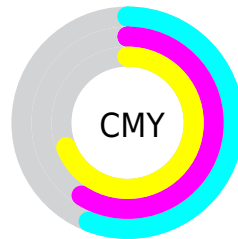
- Red (44%)
- Green (41%)
- Blue (31%)



- Red (35%)
- Yellow (44%)
- Blue (31%)



- Cyan (0%)
- Magenta (7%)
- Yellow (30%)
- Black (56%)





















- Cyan (56%)
- Magenta (59%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 15.870, 94.741 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, 15.870, 94.741 by changing the saturation by 10% instead.

 44, 15.870, 94.741	 44, 15.870, 94.741
 100, 15.870, 94.741	 34, 15.870, 94.741
 64, 15.870, 94.741	 24, 15.870, 94.741
 74, 15.870, 94.741	 14, 15.870, 94.741
 84, 15.870, 94.741	 4, 15.870, 94.741
 94, 15.870, 94.741	 0, 15.870, 94.741

 44, 15.870, 94.741	 44, 15.870, 94.741
 43, 21.135, 93.550	 45, 10.608, 95.914
 42, 26.343, 92.329	 46, 5.379, 97.042

41, 31.393, 91.085

47, 0.201, 97.588

40, 36.116, 89.809

48, 4.919, 279.254

39, 40.246, 88.481

49, 9.978, 280.262

39, 43.416, 87.054

50, 14.975,
281.234

38, 46.047, 85.690

52, 19.913,
282.162

53, 24.793,
283.046

54, 29.617,
283.884

Harmonies

Complementary

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



44, 15.870, 94.741



37, 16.261, 282.347

Rectangle

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



44, 15.870, 94.741



44, 15.870, 144.741



44, 15.870, 274.741



44, 15.870, 324.741

Sweetspot

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



44, 15.871, 94.746



59, 5.768, 97.170



37, 15.731, 2.706



31, 4.042, 97.042



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, 15.871, 94.746



56, 23.345, 93.966



46, 20.264, 118.098



23, 2.914, 97.195



41, 48.360, 85.538



80, 82.208, 84.376

Inverse Universe

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



37, 16.261, 282.347



45, 24.088, 283.505



35, 21.539, 302.054



22, 2.939, 279.273



16, 62.019, 300.050



37, 111.663, 301.710

Previews

White Background



This preview shows how the CIELCh color 44, 15.870, 94.741 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, 15.870, 94.741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

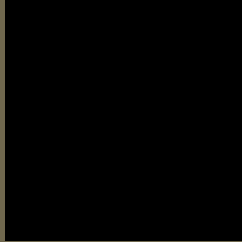
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 15.870, 94.741

Background



This preview shows how black text looks on a background with the CIELCh color 44, 15.870, 94.741.

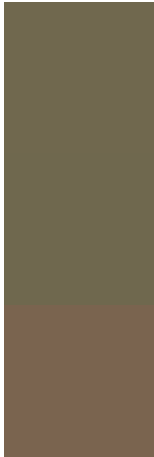


This preview shows how white text looks on a background with the CIELCh color 44, 15.870, 94.741.

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, 15.870, 94.741

Protanopia

44, 15.769, 96.350

Deuteranopia

44, 16.208, 70.018



Tritanopia
44, 7.847, 342.881

Trichromacy



Original Color
44, 15.870, 94.741

Protanomaly
44, 15.769, 96.350

Deuteranomaly
44, 15.319, 77.921

Tritanomaly
44, 6.062, 43.109

Monochromacy



Original Color
44, 15.870, 94.741

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 5.521, 95.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 15.870, 94.741 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(112, 104, 78)` looks like.

```
.text, #text, p{  
    color:rgb(112, 104, 78)  
}
```

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(112, 104, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 104, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 15.870, 94.741 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(112, 104, 78) }
```

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

```
.border{ border-color:rgb(112, 104, 78) }
```

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

Here you see how a box with a 4 pixel rgb(112, 104, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 104, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 104, 78);  
box-shadow:4px 4px 4px 4px rgb(112, 104,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 15.870, 94.741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 104, 78) }
```

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

```
.background{ background-color: rgb(112,  
104, 78) }
```

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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