

Converting Colors

CIELCh(44, 13.295, 11.040)

Have a look what the booklet for
CIELCh(44, 13.295, 11.040) contains.

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Color

CIELCh(44, 13.492, 11.122)

Conversions

Conversions Part 1

Format	Color
Hex	7F6064
RGB	127, 96, 100
RGB Percent	50%, 38%, 39%
CMY	0.5014, 0.6230, 0.6073
CMYK	0.00, 0.24, 0.21, 0.50
HSL	352°, 14%, 44%
HSV	352°, 24%, 50%
XYZ	15.2778, 13.8382, 13.9586
YIQ	105.7250, 17.1920, 7.8160

Conversions

Conversions Part 2

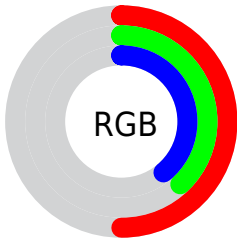
Format	Color
R_{YB}	127, 96, 100
Decimal	8347748
CIE Lab	44.00, 13.24, 2.60
CIE LCh	44, 13.492, 11.122
Yxy	13.8382, 0.3547, 0.3213
Android (android.graphics.Color)	4286537828 (0xFF7F6064)
YUV	105.7250, -2.8224, 18.6582
Hunter-Lab	37.1997, 8.2098, 3.7922

Details

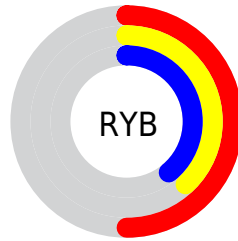
The CIELCh color $44, 13.492, 11.122$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $51, 12.002, 186.905$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 13.251, 11.100$, and $24, 13.657, 11.354$ is the 20% darker color. If you saturate the color by 10%, you get $40, 19.526, 12.455$, and if you desaturate by 10%, it is $48, 7.734, 10.023$.

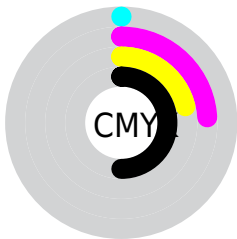
Distribution



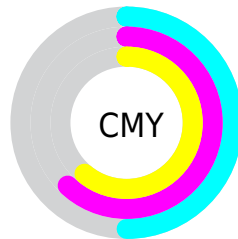
- Red (50%)
- Green (38%)
- Blue (39%)



- Red (50%)
- Yellow (38%)
- Blue (39%)



- Cyan (0%)
- Magenta (24%)
- Yellow (21%)
- Black (50%)



- Cyan (50%)
- Magenta (62%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 13.492, 11.122 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, 13.492, 11.122 by changing the saturation by 10% instead.

■ 44, 13.492, 11.122

■ 44, 13.492, 11.122

■ 100, 13.492,
11.122

■ 34, 13.492, 11.122

■ 64, 13.492, 11.122

■ 24, 13.492, 11.122

■ 74, 13.492, 11.122

■ 14, 13.492, 11.122

■ 84, 13.492, 11.122

■ 4, 13.492, 11.122

■ 94, 13.492, 11.122

■ 0, 13.492, 11.122

■ 44, 13.492, 11.122

■ 44, 13.492, 11.122

■ 40, 19.526, 12.455

■ 48, 7.734, 10.023

■ 37, 25.765, 14.091

■ 52, 2.289, 9.003

34, 32.081, 16.137

55, 2.839, 188.536

31, 38.294, 18.712

59, 7.660, 187.794

29, 44.198, 21.936

63, 12.197,
187.202

27, 49.611, 25.865

67, 16.474,
186.690

26, 54.437, 30.333

25, 57.120, 32.554

71, 20.517,
186.236

75, 24.351,
185.831

79, 27.999,
185.466

Harmonies

Complementary

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



44, 13.492, 11.122



51, 12.002, 186.905

Rectangle

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



44, 13.492, 11.122



44, 13.492, 61.122



44, 13.492, 191.122



44, 13.492, 241.122

Sweetspot

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



44, 13.491, 11.127



65, 4.576, 9.304



44, 21.327, 321.858



34, 3.000, 9.349



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



44, 13.491, 11.127



54, 20.214, 11.798



47, 10.934, 57.708



25, 2.990, 9.496



26, 57.243, 32.571



0, 0.000, 0.000

Inverse Universe

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



44, 13.491, 11.127



54, 20.214, 11.798



48, 9.743, 242.610



25, 2.990, 9.496



26, 57.243, 32.571



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 13.492, 11.122 looks on a white background.

Color Contrast Check

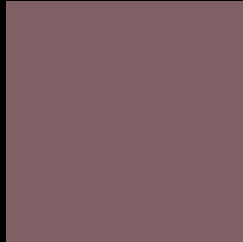
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 13.492, 11.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

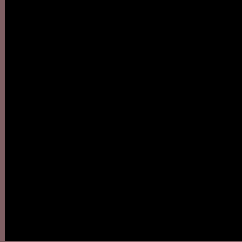
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 13.492, 11.122

Background



This preview shows how black text looks on a background with the CIELCh color 44, 13.492, 11.122.



This preview shows how white text looks on a background with the CIELCh color 44, 13.492, 11.122.

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, 13.492, 11.122

Protanopia

44, 0.826, 19.093

Deuteranopia

44, 6.510, 30.653



Tritanopia
44, 13.776, 3.764

Trichromacy



Original Color
44, 13.492, 11.122

Protanomaly
44, 5.587, 7.760

Deuteranomaly
44, 8.997, 20.530

Tritanomaly
44, 13.655, 6.180

Monochromacy



Original Color
44, 13.492, 11.122

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 5.163, 6.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 13.492, 11.122 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(127, 96, 100)` looks like.

```
.text, #text, p{  
    color:rgb(127, 96, 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(127, 96, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 96, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 13.492, 11.122 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(127, 96, 100) }
```

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

```
.border{ border-color:rgb(127, 96, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 96, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 96, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 96, 100);  
box-shadow:4px 4px 4px 4px rgb(127, 96,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 13.492, 11.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 96, 100) }
```

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

```
.background{ background-color: rgb(127, 96,  
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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