

Converting Colors

CIELCh(44, 12.095, 32.121)

Have a look what the booklet for
CIELCh(44, 12.095, 32.121) contains.

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Color

CIELCh(44, 12.095, 32.121)

Conversions

Conversions Part 1

Format	Color
Hex	7D625E
RGB	125, 98, 94
RGB Percent	49%, 38%, 37%
CMY	0.5108, 0.6166, 0.6323
CMYK	0.00, 0.22, 0.25, 0.51
HSL	8°, 14%, 43%
HSV	8°, 25%, 49%
XYZ	14.7784, 13.8382, 12.4285
YIQ	105.6170, 17.3760, 4.4800

Conversions

Conversions Part 2

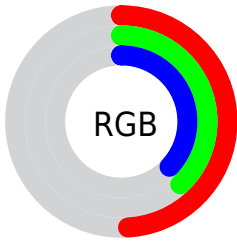
Format	Color
RYB	125, 99, 94
Decimal	8217182
CIELab	44.00, 10.24, 6.43
CIElCh	44, 12.095, 32.121
Yxy	13.8382, 0.3601, 0.3371
Android (android.graphics.Color)	4286407262 (0xFF7D625E)
YUV	105.6170, -5.7272, 16.9989
Hunter-Lab	37.1997, 5.8135, 6.2310

Details

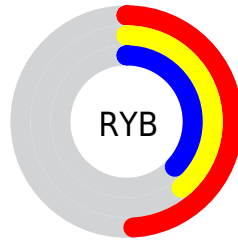
The CIELCh color **44, 12.095, 32.121** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **49, 10.258, 211.721**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 12.020, 33.702**, and **24, 12.101, 30.977** is the 20% darker color. If you saturate the color by 10%, you get **41, 17.653, 32.629**, and if you desaturate by 10%, it is **47, 6.941, 31.788**.

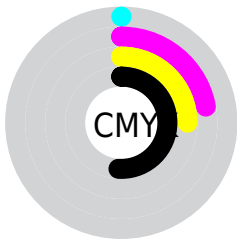
Distribution



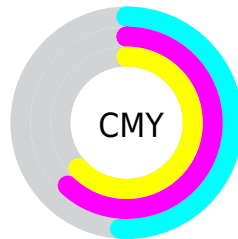
- Red (49%)
- Green (38%)
- Blue (37%)



- Red (49%)
- Yellow (39%)
- Blue (37%)



- Cyan (0%)
- Magenta (22%)
- Yellow (25%)
- Black (51%)



- Cyan (51%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 12.095, 32.121 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, 12.095, 32.121 by changing the saturation by 10% instead.

■ 44, 12.095, 32.121

■ 44, 12.095, 32.121

■ 100, 12.095,
32.121

■ 34, 12.095, 32.121

■ 64, 12.095, 32.121

■ 24, 12.095, 32.121

■ 74, 12.095, 32.121

■ 14, 12.095, 32.121

■ 84, 12.095, 32.121

■ 4, 12.095, 32.121

■ 94, 12.095, 32.121

■ 0, 12.095, 32.121

■ 44, 12.095, 32.121

■ 44, 12.095, 32.121

■ 41, 17.653, 32.629

■ 47, 6.941, 31.788

■ 38, 23.618, 33.345

■ 51, 2.174, 31.480

35, 29.960, 34.327

54, 2.235, 211.755

32, 36.603, 35.619

58, 6.322, 211.637

30, 43.396, 37.218

61, 10.119,
211.667

28, 50.045, 39.003

64, 13.660,
211.753

27, 55.711, 40.329

68, 16.976,
211.874

26, 58.160, 40.979

71, 20.094,
212.020

75, 23.038,
212.182

Harmonies

Complementary

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



44, 12.095, 32.121



49, 10.258, 211.721

Rectangle

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



44, 12.095, 32.121



44, 12.095, 82.121



44, 12.095, 212.121



44, 12.095, 262.121

Sweetspot

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



44, 12.094, 32.129



64, 3.957, 31.573



44, 20.490, 329.179



33, 2.563, 31.586



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



44, 12.094, 32.129



55, 18.633, 32.401



48, 12.371, 83.829



24, 2.535, 31.629



26, 58.238, 40.988



54, 101.529, 41.387

Inverse Universe

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



49, 10.258, 211.721



62, 15.117, 211.839



44, 12.116, 270.493



25, 2.398, 211.663



42, 25.909, 219.308



81, 43.485, 220.721

Previews

White Background



This preview shows how the CIELCh color 44, 12.095, 32.121 looks on a white background.

Color Contrast Check

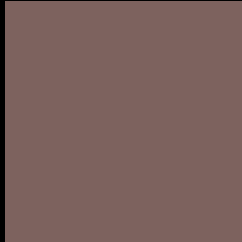
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.095, 32.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

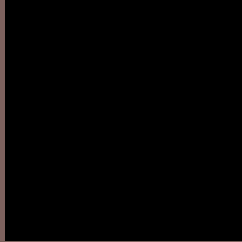
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 12.095, 32.121

Background



This preview shows how black text looks on a background with the CIELCh color 44, 12.095, 32.121.



This preview shows how white text looks on a background with the CIELCh color 44, 12.095, 32.121.

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, 12.095, 32.121

Protanopia

44, 4.497, 87.384

Deuteranopia

44, 8.927, 47.982



Tritanopia
44, 13.520, 0.700

Trichromacy



Original Color
44, 12.095, 32.121

Protanomaly
44, 6.283, 54.483

Deuteranomaly
44, 9.892, 41.533

Tritanomaly
44, 12.555, 12.945

Monochromacy



Original Color
44, 12.095, 32.121

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 4.253, 27.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 12.095, 32.121 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(125, 98, 94)` looks like.

```
.text, #text, p{  
    color:rgb(125, 98, 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(125, 98, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 98, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 12.095, 32.121 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(125, 98, 94) }
```

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

```
.border{ border-color:rgb(125, 98, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 98, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 98, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 98, 94);  
box-shadow:4px 4px 4px 4px rgb(125, 98,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 12.095, 32.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 98, 94) }
```

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

```
.background{ background-color: rgb(125, 98,  
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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