

Converting Colors

CIELCh(44, 16.820, 58.425)

Have a look what the booklet for
CIELCh(44, 16.820, 58.425) contains.

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Color

CIELCh(44, 16.881, 57.101)

Conversions

Conversions Part 1

Format	Color
Hex	7F6251
RGB	127, 98, 81
RGB Percent	50%, 38%, 32%
CMY	0.5020, 0.6157, 0.6824
CMYK	0.00, 0.23, 0.36, 0.50
HSL	22°, 22%, 41%
HSV	22°, 36%, 50%
XYZ	14.6019, 13.8382, 9.6839
YIQ	104.7330, 22.7410, 0.8610

Conversions

Conversions Part 2

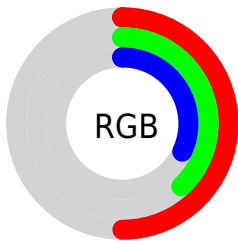
Format	Color
R_{YB}	127, 108, 81
Decimal	8348241
CIE _{Lab}	44.00, 9.17, 14.17
CIE _{LCh}	44, 16.881, 57.101
Yxy	13.8382, 0.3830, 0.3630
Android (android.graphics.Color)	4286538321 (0xFF7F6251)
YUV	104.7330, -11.7004, 19.5282
Hunter-Lab	37.1997, 4.9667, 10.6053

Details

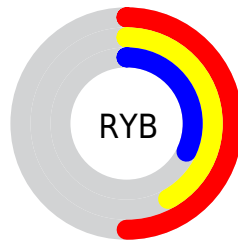
The CIELCh color **44, 16.881, 57.101** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **45, 14.119, 244.906**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 17.125, 57.999**, and **24, 17.164, 58.217** is the 20% darker color. If you saturate the color by 10%, you get **42, 22.275, 56.370**, and if you desaturate by 10%, it is **46, 11.818, 57.897**.

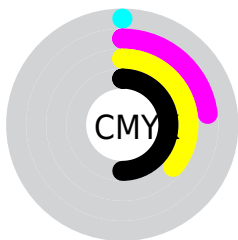
Distribution



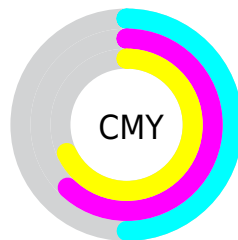
- Red (50%)
- Green (38%)
- Blue (32%)



- Red (50%)
- Yellow (42%)
- Blue (32%)



- Cyan (0%)
- Magenta (23%)
- Yellow (36%)
- Black (50%)





















- Cyan (50%)
- Magenta (62%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 16.881, 57.101 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, 16.881, 57.101 by changing the saturation by 10% instead.

 44, 16.881, 57.101	 44, 16.881, 57.101
 100, 16.881, 57.101	 34, 16.881, 57.101
 64, 16.881, 57.101	 24, 16.881, 57.101
 74, 16.881, 57.101	 14, 16.881, 57.101
 84, 16.881, 57.101	 4, 16.881, 57.101
 94, 16.881, 57.101	 0, 16.881, 57.101

 44, 16.881, 57.101	 44, 16.881, 57.101
 42, 22.275, 56.370	 46, 11.818, 57.897
 39, 27.991, 55.690	 49, 7.075, 58.720

■ 37, 33.979, 55.053

■ 52, 2.627, 59.512

■ 35, 40.096, 54.399

■ 54, 1.554, 240.742

■ 33, 46.029, 53.578

■ 57, 5.494, 241.483

■ 31, 51.405, 52.491

■ 59, 9.222, 242.348

■ 31, 53.486, 52.261

■ 62, 12.763,
243.217

■ 65, 16.139,
244.072

■ 67, 19.369,
244.908

Harmonies

Complementary

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



44, 16.881, 57.101



45, 14.119, 244.906

Rectangle

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



44, 16.881, 57.101



44, 16.881, 107.101



44, 16.881, 237.101



44, 16.881, 287.101

Sweetspot

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



44, 16.881, 57.108



64, 5.870, 59.128



40, 25.489, 339.913



33, 3.989, 59.037



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, 16.881, 57.108



55, 25.577, 56.527



50, 23.112, 100.302



26, 2.410, 59.300



31, 53.662, 52.256



0, 0.000, 0.000

Inverse Universe

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



45, 14.119, 244.906



56, 20.447, 246.440



38, 24.548, 289.010



26, 2.320, 241.160



33, 32.462, 266.169



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 16.881, 57.101 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, 16.881, 57.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

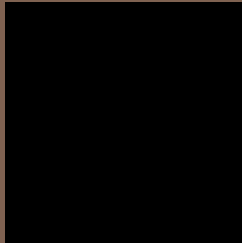
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 16.881, 57.101

Background



This preview shows how black text looks on a background with the CIELCh color 44, 16.881, 57.101.



This preview shows how white text looks on a background with the CIELCh color 44, 16.881, 57.101.

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, 16.881, 57.101

Protanopia

44, 12.305, 93.805

Deuteranopia

44, 15.250, 67.570



Tritanopia
44, 15.047, 5.502

Trichromacy



Original Color
44, 16.881, 57.101

Protanomaly
44, 13.237, 77.922

Deuteranomaly
44, 15.818, 62.607

Tritanomaly
44, 14.110, 26.009

Monochromacy



Original Color
44, 16.881, 57.101

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 5.928, 56.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 16.881, 57.101 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, 98, 81)` looks like.

```
.text, #text, p{  
    color:rgb(127, 98, 81)  
}
```

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, 98, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 98, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 16.881, 57.101 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, 98, 81) }
```

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

```
.border{ border-color:rgb(127, 98, 81) }
```

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

Here you see how a box with a 4 pixel rgb(127, 98, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 98, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 98, 81);  
box-shadow:4px 4px 4px 4px rgb(127, 98,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 16.881, 57.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 98, 81) }
```

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

```
.background{ background-color: rgb(127, 98,  
81) }
```

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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