

Converting Colors

CIELCh(43, 17.279, 44.930)

Have a look what the booklet for
CIELCh(43, 17.279, 44.930) contains.

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Color

CIELCh(43, 17.265, 45.440)

Conversions

Conversions Part 1

Format	Color
Hex	805E52
RGB	128, 94, 82
RGB Percent	50%, 37%, 32%
CMY	0.4987, 0.6320, 0.6791
CMYK	0.00, 0.27, 0.36, 0.50
HSL	16°, 22%, 41%
HSV	16°, 36%, 50%
XYZ	14.3797, 13.1578, 9.7322
YIQ	102.7980, 24.1160, 3.4760

Conversions

Conversions Part 2

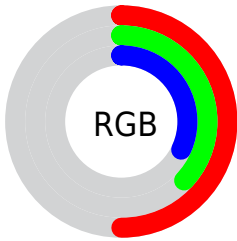
Format	Color
R_{YB}	128, 98, 82
Decimal	8412754
CIE Lab	43.00, 12.11, 12.30
CIE LCh	43, 17.265, 45.440
Yxy	13.1578, 0.3858, 0.3530
Android (android.graphics.Color)	4286602834 (0xFF805E52)
YUV	102.7980, -10.2534, 22.1022
Hunter-Lab	36.2736, 7.2828, 9.4841

Details

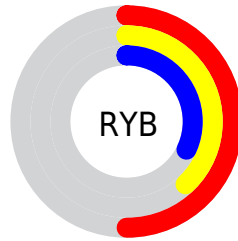
The CIELCh color $43, 17.265, 45.440$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $47, 13.742, 229.683$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 17.501, 44.949$, and $23, 17.141, 46.688$ is the 20% darker color. If you saturate the color by 10%, you get $40, 22.937, 45.338$, and if you desaturate by 10%, it is $46, 11.988, 45.677$.

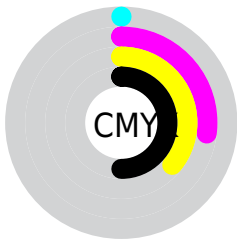
Distribution



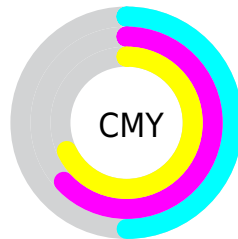
- Red (50%)
- Green (37%)
- Blue (32%)



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



- Cyan (0%)
- Magenta (27%)
- Yellow (36%)
- Black (50%)



- Cyan (50%)
- Magenta (63%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 17.265, 45.440 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 43, 17.265, 45.440 by changing the saturation by 10% instead.

■ 43, 17.265, 45.440

■ 43, 17.265, 45.440

■ 100, 17.265,
45.440

■ 33, 17.265, 45.440

■ 63, 17.265, 45.440

■ 23, 17.265, 45.440

■ 73, 17.265, 45.440

■ 13, 17.265, 45.440

■ 83, 17.265, 45.440

■ 3, 17.265, 45.440

■ 93, 17.265, 45.440

■ 0, 17.265, 45.440

■ 43, 17.265, 45.440

■ 43, 17.265, 45.440

■ 40, 22.937, 45.338

■ 46, 11.988, 45.677

■ 38, 29.000, 45.373

■ 49, 7.094, 45.997

■ 35, 35.403, 45.555

■ 52, 2.554, 46.322

■ 33, 42.012, 45.842

■ 55, 1.664, 227.174

■ 31, 48.520, 46.086

■ 58, 5.594, 227.534

■ 29, 54.357, 46.023

■ 61, 9.268, 228.053

■ 29, 56.546, 46.071

■ 64, 12.716,
228.602

■ 67, 15.965,
229.164

■ 70, 19.040,
229.728

Harmonies

Complementary

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



43, 17.265, 45.440



47, 13.742, 229.683

Rectangle

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



43, 17.265, 45.440



43, 17.265, 95.440



43, 17.265, 225.440



43, 17.265, 275.440

Sweetspot

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



43, 17.264, 45.446



64, 5.934, 46.163



41, 27.529, 334.720



33, 4.035, 46.124



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 17.264, 45.446



53, 26.331, 45.348



49, 20.715, 92.991



25, 2.433, 46.236



29, 56.426, 46.067



0, 0.000, 0.000

Inverse Universe

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



47, 13.742, 229.683



58, 19.724, 230.777



40, 21.256, 282.495



26, 2.315, 227.343



37, 27.457, 246.848



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 17.265, 45.440 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 43, 17.265, 45.440 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 43, 17.265, 45.440

Background



This preview shows how black text looks on a background with the CIELCh color 43, 17.265, 45.440.



This preview shows how white text looks on a background with the CIELCh color 43, 17.265, 45.440.

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


43, 17.265, 45.440

Protanopia

43, 9.811, 95.817

Deuteranopia

43, 14.059, 66.035



Tritanopia
43, 16.849, 7.546

Trichromacy



Original Color
43, 17.265, 45.440

Protanomaly
43, 11.549, 70.534

Deuteranomaly
43, 15.017, 56.904

Tritanomaly
43, 16.317, 21.623

Monochromacy



Original Color
43, 17.265, 45.440

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 5.969, 49.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 17.265, 45.440 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(128, 94, 82)` looks like.

```
.text, #text, p{  
    color:rgb(128, 94, 82)  
}
```

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(128, 94, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 94, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 17.265, 45.440 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(128, 94, 82) }
```

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

```
.border{ border-color:rgb(128, 94, 82) }
```

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

Here you see how a box with a 4 pixel rgb(128, 94, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 94, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 94, 82);  
box-shadow:4px 4px 4px 4px rgb(128, 94,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 17.265, 45.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 94, 82) }
```

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

```
.background{ background-color: rgb(128, 94,  
82) }
```

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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