

Converting Colors

CIELCh(44, 16.985, 46.060)

Have a look what the booklet for
CIELCh(44, 16.985, 46.060) contains.

CIELCh(44, 17.184, 45.449)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(44, 17.184, 45.449)

Conversions

Conversions Part 1

Format	Color
Hex	826054
RGB	130, 96, 84
RGB Percent	51%, 38%, 33%
CMY	0.4889, 0.6223, 0.6694
CMYK	0.00, 0.26, 0.35, 0.49
HSL	16°, 21%, 42%
HSV	16°, 35%, 51%
XYZ	15.0792, 13.8382, 10.3250
YIQ	104.7980, 24.1160, 3.4760

Conversions

Conversions Part 2

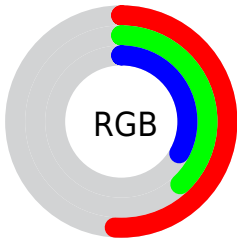
Format	Color
R_{YB}	130, 100, 84
Decimal	8544340
CIE _{Lab}	44.00, 12.06, 12.25
CIE _{LCh}	44, 17.184, 45.449
Yxy	13.8382, 0.3843, 0.3526
Android (android.graphics.Color)	4286734420 (0xFF826054)
YUV	104.7980, -10.2534, 22.1022
Hunter-Lab	37.1997, 7.2567, 9.5835

Details

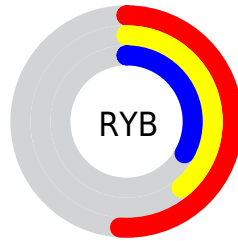
The CIELCh color $44, 17.184, 45.449$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $48, 13.736, 229.609$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 17.031, 45.520$, and $24, 17.000, 46.699$ is the 20% darker color. If you saturate the color by 10%, you get $41, 22.924, 45.339$, and if you desaturate by 10%, it is $47, 11.846, 45.692$.

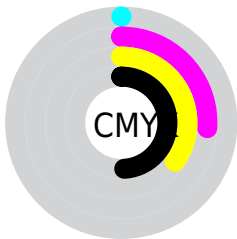
Distribution



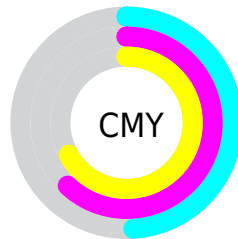
- Red (51%)
- Green (38%)
- Blue (33%)



- Red (51%)
- Yellow (39%)
- Blue (33%)



- Cyan (0%)
- Magenta (26%)
- Yellow (35%)
- Black (49%)



- Cyan (49%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 17.184, 45.449 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, 17.184, 45.449 by changing the saturation by 10% instead.

■ 44, 17.184, 45.449

■ 44, 17.184, 45.449

■ 100, 17.184,
45.449

■ 34, 17.184, 45.449

■ 64, 17.184, 45.449

■ 24, 17.184, 45.449

■ 74, 17.184, 45.449

■ 14, 17.184, 45.449

■ 84, 17.184, 45.449

■ 4, 17.184, 45.449

■ 94, 17.184, 45.449

■ 0, 17.184, 45.449

■ 44, 17.184, 45.449

■ 44, 17.184, 45.449

■ 41, 22.924, 45.339

■ 47, 11.846, 45.692

■ 39, 29.063, 45.366

■ 50, 6.896, 46.017

36, 35.553, 45.541

53, 2.305, 46.332

34, 42.263, 45.826

56, 1.961, 227.174

32, 48.892, 46.079

59, 5.935, 227.566

30, 54.873, 46.032

62, 9.651, 228.089

29, 57.484, 46.101

65, 13.140,
228.641

68, 16.427,
229.204

71, 19.539,
229.769

Harmonies

Complementary

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



44, 17.184, 45.449



48, 13.736, 229.609

Rectangle

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



44, 17.184, 45.449



44, 17.184, 95.449



44, 17.184, 225.449



44, 17.184, 275.449

Sweetspot

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



44, 17.183, 45.455



65, 6.009, 46.161



42, 27.472, 334.677



33, 4.035, 46.122



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, 17.183, 45.455



54, 25.943, 45.354



50, 20.662, 93.064



26, 2.515, 46.232



29, 57.380, 46.098



0, 0.584, 46.739

Inverse Universe

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



48, 13.736, 229.609



59, 19.580, 230.631



41, 21.188, 282.385



27, 2.391, 227.345



38, 27.868, 246.947



0, 0.584, 226.759

Previews

White Background



This preview shows how the CIELCh color 44, 17.184, 45.449 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, 17.184, 45.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

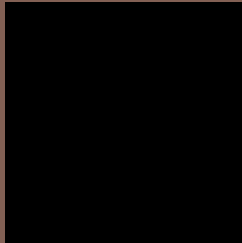
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 17.184, 45.449

Background



This preview shows how black text looks on a background with the CIELCh color 44, 17.184, 45.449.



This preview shows how white text looks on a background with the CIELCh color 44, 17.184, 45.449.

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, 17.184, 45.449

Protanopia

44, 9.885, 93.361

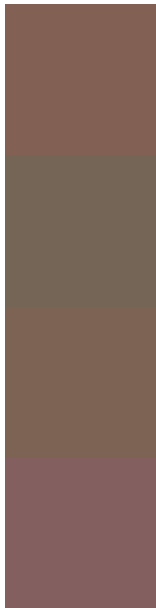
Deuteranopia

44, 13.544, 64.541



Tritanopia
44, 16.757, 7.464

Trichromacy



Original Color
44, 17.184, 45.449

Protanomaly
44, 11.024, 68.827

Deuteranomaly
44, 14.545, 58.018

Tritanomaly
44, 15.766, 21.496

Monochromacy



Original Color
44, 17.184, 45.449

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 5.945, 49.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 17.184, 45.449 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(130, 96, 84)` looks like.

```
.text, #text, p{  
    color:rgb(130, 96, 84)  
}
```

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(130, 96, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 96, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 17.184, 45.449 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(130, 96, 84) }
```

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

```
.border{ border-color:rgb(130, 96, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 96, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 96, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 96, 84);  
box-shadow:4px 4px 4px 4px rgb(130, 96,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 17.184, 45.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 96, 84) }
```

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

```
.background{ background-color: rgb(130, 96,  
84) }
```

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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