

Converting Colors

CIELCh(45, 16.969, 104.179)

Have a look what the booklet for
CIELCh(45, 16.969, 104.179)
contains.

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Color

CIELCh(45, 17.118, 104.729)

Conversions

Conversions Part 1

Format	Color
Hex	6E6C4F
RGB	110, 108, 79
RGB Percent	43%, 42%, 31%
CMY	0.5695, 0.5773, 0.6910
CMYK	0.00, 0.02, 0.28, 0.57
HSL	56°, 16%, 37%
HSV	56°, 28%, 43%
XYZ	13.1464, 14.5417, 9.4715
YIQ	105.2920, 10.5010, -8.5950

Conversions

Conversions Part 2

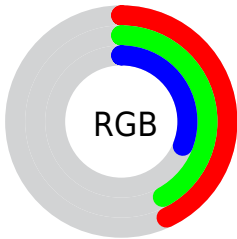
Format	Color
RYB	81, 110, 79
Decimal	7236687
CIELab	45.00, -4.35, 16.56
CIELCh	45, 17.118, 104.729
Yxy	14.5417, 0.3538, 0.3913
Android (android.graphics.Color)	4285426767 (0xFF6E6C4F)
YUV	105.2920, -12.9620, 4.1289
Hunter-Lab	38.1336, -5.1966, 11.9672

Details

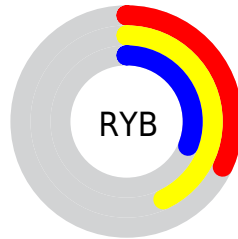
The CIELCh color **45, 17.118, 104.729** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **35, 18.086, 290.797**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 17.132, 104.217**, and **25, 17.372, 104.805** is the 20% darker color. If you saturate the color by 10%, you get **45, 23.065, 103.757**, and if you desaturate by 10%, it is **45, 11.082, 105.711**.

Distribution



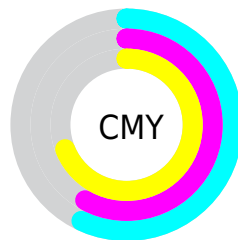
- Red (43%)
- Green (42%)
- Blue (31%)



- Red (32%)
- Yellow (43%)
- Blue (31%)



- Cyan (0%)
- Magenta (2%)
- Yellow (28%)
- Black (57%)




- Cyan (57%)
- Magenta (58%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 17.118, 104.729 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 45, 17.118, 104.729 by changing the saturation by 10% instead.


 45, 17.118,
104.729


 45, 17.118,
104.729


 100, 17.118,
104.729


 35, 17.118,
104.729

 65, 17.118,
104.729


 25, 17.118,
104.729


 75, 17.118,
104.729

 15, 17.118,
104.729

 85, 17.118,
104.729

 5, 17.118, 104.729

 95, 17.118,
104.729

 0, 17.118, 104.729

 45, 17.118,

 45, 17.118,

104.729

104.729

■ 45, 23.065,
103.757

■ 45, 11.082,
105.711

■ 44, 28.842,
102.796

■ 46, 5.003, 106.674

■ 44, 34.330,
101.870

■ 46, 1.086, 287.690

■ 47, 7.167, 288.568

■ 44, 39.348,
100.999

■ 48, 13.224,
289.457

■ 43, 43.645,
100.207

■ 48, 19.251,
290.312

■ 43, 46.919, 99.515

■ 49, 25.240,
291.130

■ 43, 49.362, 98.904

■ 49, 31.187,
291.908

■ 43, 49.820, 98.797

■ 50, 37.089,

Harmonies

Complementary

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



45, 17.118, 104.729



35, 18.086, 290.797

Rectangle

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



45, 17.118, 104.729



45, 17.118, 154.729



45, 17.118, 284.729



45, 17.118, 334.729

Sweetspot

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



45, 17.119, 104.733



59, 6.037, 106.675



37, 13.936, 16.373



30, 4.261, 106.560



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



45, 17.119, 104.733



57, 25.505, 104.079



44, 19.213, 125.407



23, 3.483, 106.598



46, 53.014, 98.755



90, 90.319, 98.506

Inverse Universe

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



35, 18.086, 290.797



43, 27.375, 291.817



36, 20.049, 308.113



21, 3.545, 288.390



13, 73.106, 305.002



32, 128.079, 305.716

Previews

White Background



This preview shows how the CIELCh color 45, 17.118, 104.729 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 45, 17.118, 104.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

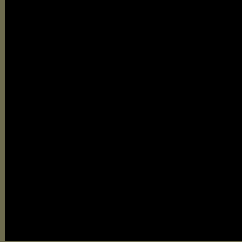
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

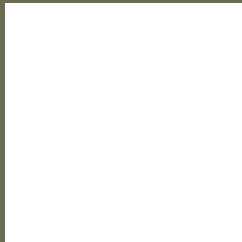
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 17.118, 104.729

Background



This preview shows how black text looks on a background with the CIELCh color 45, 17.118, 104.729.



This preview shows how white text looks on a background with the CIELCh color 45, 17.118, 104.729.

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

45, 17.118, 104.729

Protanopia

45, 16.964, 95.464

Deuteranopia

45, 16.925, 69.972



Tritanopia
45, 7.026, 330.433

Trichromacy



Original Color
45, 17.118, 104.729

Protanomaly
45, 17.270, 100.212

Deuteranomaly
45, 15.850, 82.709

Tritanomaly
45, 4.186, 64.756

Monochromacy



Original Color
45, 17.118, 104.729

Achromatopsia
44, 0.006, 296.813

Achromatomaly
45, 6.552, 105.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 17.118, 104.729 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(110, 108, 79)` looks like.

```
.text, #text, p{  
    color:rgb(110, 108, 79)  
}
```

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(110, 108, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 108, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 17.118, 104.729 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(110, 108, 79) }
```

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

```
.border{ border-color:rgb(110, 108, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 108, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 108, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 108, 79);  
box-shadow:4px 4px 4px 4px rgb(110, 108,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 17.118, 104.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 108, 79) }
```

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

```
.background{ background-color: rgb(110,  
108, 79) }
```

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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