

Converting Colors

CIELCh(45, 7.273, 309.483)

Have a look what the booklet for
CIELCh(45, 7.273, 309.483) contains.

CIELCh(45, 7.594, 309.499)	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(45, 7.594, 309.499)

Conversions

Conversions Part 1

Format	Color
Hex	6E6874
RGB	110, 104, 116
RGB Percent	43%, 41%, 45%
CMY	0.5677, 0.5913, 0.5442
CMYK	0.05, 0.10, 0.00, 0.54
HSL	270°, 5%, 43%
HSV	270°, 10%, 46%
XYZ	14.5973, 14.5417, 18.6302
YIQ	107.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

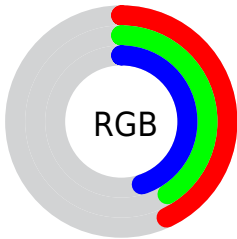
Format	Color
R_{YB}	110, 104, 116
Decimal	7235700
CIE _{Lab}	45.00, 4.83, -5.86
CIE _{LCh}	45, 7.594, 309.499
Yxy	14.5417, 0.3056, 0.3044
Android (android.graphics.Color)	4285425780 (0xFF6E6874)
YUV	107.1620, 4.3571, 2.4889
Hunter-Lab	38.1336, 1.5948, -2.2726

Details

The CIELCh color **45, 7.594, 309.499** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 7.486, 128.643**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 7.731, 310.713**, and **25, 7.616, 308.148** is the 20% darker color. If you saturate the color by 10%, you get **41, 15.144, 309.966**, and if you desaturate by 10%, it is **49, 0.242, 308.753**.

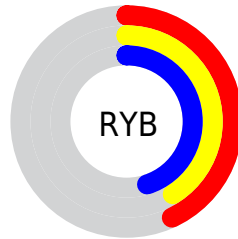
Distribution



Red (43%)

Green (41%)

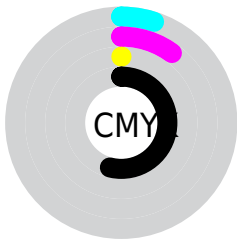
Blue (45%)



Red (43%)

Yellow (41%)

Blue (45%)

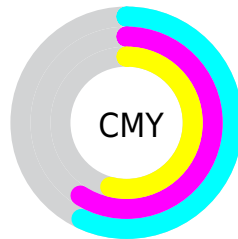


Cyan (5%)

Magenta (10%)

Yellow (0%)

Black (54%)



Cyan (57%)

Magenta (59%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 7.594, 309.499 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, 7.594, 309.499 by changing the saturation by 10% instead.

■ 45, 7.594, 309.499

■ 45, 7.594, 309.499

■ 100, 7.594,
309.499

■ 35, 7.594, 309.499

■ 65, 7.594, 309.499

■ 25, 7.594, 309.499

■ 75, 7.594, 309.499

■ 15, 7.594, 309.499

■ 85, 7.594, 309.499

■ 5, 7.594, 309.499

■ 95, 7.594, 309.499

■ 0, 7.594, 309.499

■ 45, 7.594, 309.499

■ 45, 7.594, 309.499

■ 41, 15.144,
309.966

■ 49, 0.242, 308.753

■ 37, 22.869,

■ 53, 6.896, 128.707

310.465

56, 13.822,
128.356

34, 30.713,
310.982

60, 20.540,
128.047

30, 38.576,
311.495

64, 27.058,
127.776

27, 46.286,
311.969

68, 33.385,
127.538

24, 53.574,
312.348

71, 39.531,
127.331

21, 60.050,
312.555

75, 45.506,
127.152

18, 65.230,
312.491

79, 51.320,
126.997

16, 69.549,
312.360

Harmonies

Complementary

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



45, 7.594, 309.499



48, 7.486, 128.643

Rectangle

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



45, 7.594, 309.499



45, 7.594, 359.499



45, 7.594, 129.499



45, 7.594, 179.499

Sweetspot

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



45, 7.593, 309.497



61, 2.702, 309.159



46, 4.180, 254.914



31, 2.066, 309.195



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



45, 7.593, 309.497



57, 10.929, 309.587



46, 8.624, 324.506



23, 4.163, 309.438



18, 72.214, 312.298



40, 123.137, 311.685

Inverse Universe

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



45, 6.110, 344.426



57, 8.792, 344.600



48, 8.609, 143.452



23, 3.351, 344.314



25, 49.387, 0.357



54, 83.348, 2.888

Previews

White Background



This preview shows how the CIELCh color 45, 7.594, 309.499 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, 7.594, 309.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

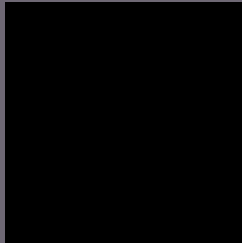
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 7.594, 309.499

Background



This preview shows how black text looks on a background with the CIELCh color 45, 7.594, 309.499.



This preview shows how white text looks on a background with the CIELCh color 45, 7.594, 309.499.

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, 7.594, 309.499

Protanopia

45, 6.572, 287.677

Deuteranopia

45, 7.887, 315.063



Tritanopia
45, 5.210, 313.569

Trichromacy



Original Color
45, 7.594, 309.499

Protanomaly
45, 7.228, 297.448

Deuteranomaly
45, 7.732, 312.328

Tritanomaly
45, 5.763, 311.288

Monochromacy



Original Color
45, 7.594, 309.499

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 2.535, 309.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 7.594, 309.499 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, 104, 116)` looks like.

```
.text, #text, p{  
    color:rgb(110, 104, 116)  
}
```

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, 104, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 104, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 7.594, 309.499 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, 104, 116) }
```

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

```
.border{ border-color:rgb(110, 104, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 104, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 104, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 104, 116);  
box-shadow:4px 4px 4px 4px rgb(110, 104,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 7.594, 309.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 104, 116) }
```

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

```
.background{ background-color: rgb(110,  
104, 116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor