

Converting Colors

CIELCh(44, 9.906, 311.340)

Have a look what the booklet for
CIELCh(44, 9.906, 311.340) contains.

CIELCh(44, 9.590, 310.756)	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, 9.590, 310.756)

Conversions

Conversions Part 1

Format	Color
Hex	6D6574
RGB	109, 101, 116
RGB Percent	43%, 40%, 45%
CMY	0.5723, 0.6037, 0.5448
CMYK	0.06, 0.13, 0.00, 0.54
HSL	272°, 7%, 43%
HSV	272°, 13%, 46%
XYZ	14.1313, 13.8382, 18.4698
YIQ	105.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

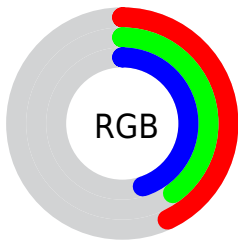
Format	Color
R_{YB}	109, 101, 116
Decimal	7169396
CIE Lab	44.00, 6.26, -7.26
CIE LCh	44, 9.590, 310.756
Yxy	13.8382, 0.3043, 0.2980
Android (android.graphics.Color)	4285359476 (0xFF6D6574)
YUV	105.1020, 5.3727, 3.4185
Hunter-Lab	37.1997, 2.7085, -3.3979

Details

The CIELCh color **44, 9.590, 310.756** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 9.438, 129.696**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 9.587, 311.608**, and **24, 9.829, 309.910** is the 20% darker color. If you saturate the color by 10%, you get **40, 17.220, 311.214**, and if you desaturate by 10%, it is **48, 2.144, 310.300**.

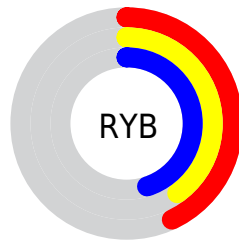
Distribution



Red (43%)

Green (40%)

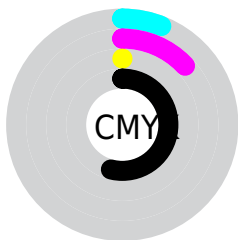
Blue (45%)



Red (43%)

Yellow (40%)

Blue (45%)

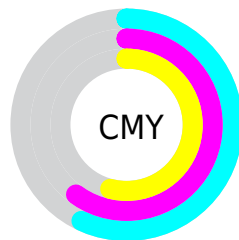


Cyan (6%)

Magenta (13%)

Yellow (0%)

Black (54%)



Cyan (57%)

Magenta (60%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 9.590, 310.756 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, 9.590, 310.756 by changing the saturation by 10% instead.

■ 44, 9.590, 310.756

■ 44, 9.590, 310.756

■ 100, 9.590,
310.756

■ 34, 9.590, 310.756

■ 64, 9.590, 310.756

■ 24, 9.590, 310.756

■ 74, 9.590, 310.756

■ 14, 9.590, 310.756

■ 84, 9.590, 310.756

■ 4, 9.590, 310.756

■ 94, 9.590, 310.756

■ 0, 9.590, 310.756

■ 44, 9.590, 310.756

■ 44, 9.590, 310.756

■ 40, 17.220,
311.214

■ 48, 2.144, 310.300

■ 37, 24.999,

■ 52, 5.096, 129.971

311.694

55, 12.127,
129.612

33, 32.854,
312.181

59, 18.950,
129.297

29, 40.662,
312.649

63, 25.572,
129.018

26, 48.221,
313.058

67, 32.000,
128.773

23, 55.227,
313.348

70, 38.245,
128.558

20, 61.268,
313.441

74, 44.315,
128.370

18, 65.907,
313.253

78, 50.220,
128.208

17, 69.003,
313.145

Harmonies

Complementary

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



44, 9.590, 310.756



48, 9.438, 129.696

Rectangle

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



44, 9.590, 310.756



44, 9.590, 0.756



44, 9.590, 130.756



44, 9.590, 180.756

Sweetspot

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



44, 9.589, 310.754



60, 3.632, 310.360



45, 5.362, 258.902



31, 2.603, 310.390



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 9.589, 310.754



55, 14.748, 310.911



45, 10.729, 325.548



23, 4.192, 310.582



18, 71.716, 313.082



41, 122.240, 312.470

Inverse Universe

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



44, 7.496, 346.521



55, 11.525, 346.844



47, 10.716, 144.159



23, 3.278, 346.168



25, 49.130, 3.410



54, 83.143, 6.157

Previews

White Background



This preview shows how the CIELCh color 44, 9.590, 310.756 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, 9.590, 310.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

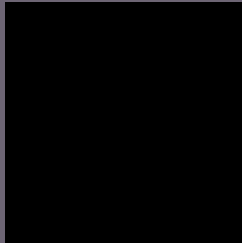
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 9.590, 310.756

Background



This preview shows how black text looks on a background with the CIELCh color 44, 9.590, 310.756.



This preview shows how white text looks on a background with the CIELCh color 44, 9.590, 310.756.

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, 9.590, 310.756

Protanopia

44, 8.399, 288.718

Deuteranopia

44, 9.590, 310.756



Tritanopia
44, 5.409, 317.563

Trichromacy



Original Color

44, 9.590, 310.756

Protanomaly

44, 9.102, 298.881

Deuteranomaly

44, 9.590, 310.756

Tritanomaly

44, 6.497, 312.821

Monochromacy



Original Color

44, 9.590, 310.756

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 3.116, 305.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 9.590, 310.756 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(109, 101, 116)` looks like.

```
.text, #text, p{  
    color:rgb(109, 101, 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(109, 101, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 101, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 9.590, 310.756 is called "border". The border property can be set on classes, ids or directly on the HTML element.

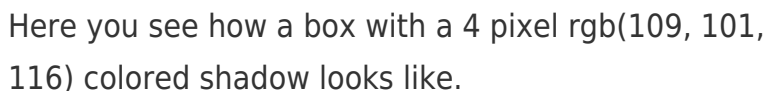
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 101, 116) }
```

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

```
.border{ border-color:rgb(109, 101, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 101, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 101, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 101, 116);  
box-shadow:4px 4px 4px 4px rgb(109, 101,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 9.590, 310.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 101, 116) }
```

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

```
.background{ background-color: rgb(109,  
101, 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](#).

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