

Converting Colors

CIELCh(44, 5.224, 313.302)

Have a look what the booklet for
CIELCh(44, 5.224, 313.302) contains.

CIELCh(44, 5.236, 313.576)	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, 5.236, 313.576)

Conversions

Conversions Part 1

Format	Color
Hex	6B666E
RGB	107, 102, 110
RGB Percent	42%, 40%, 43%
CMY	0.5792, 0.5988, 0.5674
CMYK	0.03, 0.07, 0.00, 0.57
HSL	277°, 4%, 42%
HSV	277°, 7%, 43%
XYZ	13.7112, 13.8382, 16.7865
YIQ	104.4070, 0.4120, 3.5480

Conversions

Conversions Part 2

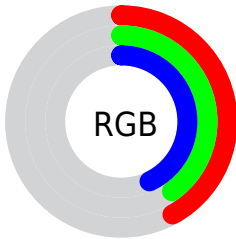
Format	Color
R _Y B	107, 102, 110
Decimal	7038574
CIE Lab	44.00, 3.61, -3.79
CIE LCh	44, 5.236, 313.576
Yxy	13.8382, 0.3093, 0.3121
Android (android.graphics.Color)	4285228654 (0xFF6B666E)
YUV	104.4070, 2.7573, 2.2741
Hunter-Lab	37.1997, 0.6925, -0.7149

Details

The CIELCh color **44, 5.236, 313.576** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **46, 5.191, 133.044**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 5.394, 311.193**, and **24, 5.788, 313.763** is the 20% darker color. If you saturate the color by 10%, you get **40, 12.587, 313.994**, and if you desaturate by 10%, it is **48, 1.948, 133.260**.

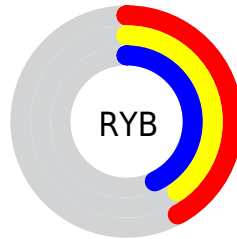
Distribution



Red (42%)

Green (40%)

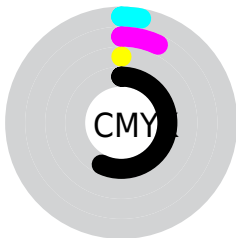
Blue (43%)



Red (42%)

Yellow (40%)

Blue (43%)

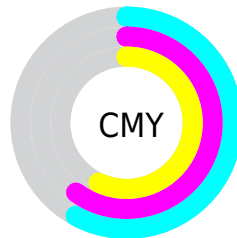


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (57%)



Cyan (58%)

Magenta (60%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 5.236, 313.576 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, 5.236, 313.576 by changing the saturation by 10% instead.

■ 44, 5.236, 313.576

■ 44, 5.236, 313.576

■ 100, 5.236,
313.576

■ 34, 5.236, 313.576

■ 64, 5.236, 313.576

■ 24, 5.236, 313.576

■ 74, 5.236, 313.576

■ 14, 5.236, 313.576

■ 84, 5.236, 313.576

■ 4, 5.236, 313.576

■ 94, 5.236, 313.576

■ 0, 5.236, 313.576

■ 44, 5.236, 313.576

■ 44, 5.236, 313.576

■ 40, 12.587,
313.994

■ 48, 1.948, 133.260

■ 37, 20.073,

■ 51, 8.942, 132.863

314.423

55, 15.742,
132.532

34, 27.628,
314.853

58, 22.349,
132.235

30, 35.146,
315.264

62, 28.766,
131.969

27, 42.461,
315.627

65, 35.001,
131.731

24, 49.326,
315.897

69, 41.062,
131.520

22, 55.414,
316.017

72, 46.958,
131.333

20, 60.338,
315.919

76, 52.698,
131.169

18, 64.190,
315.643

Harmonies

Complementary

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



44, 5.236, 313.576



46, 5.191, 133.044

Rectangle

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



44, 5.236, 313.576



44, 5.236, 3.576



44, 5.236, 133.576



44, 5.236, 183.576

Sweetspot

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



44, 5.235, 313.573



58, 1.777, 313.320



44, 3.178, 267.867



30, 1.004, 313.307



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 5.235, 313.573



55, 8.043, 313.657



44, 5.375, 328.148



22, 4.123, 313.648



19, 69.334, 315.504



44, 118.912, 314.913

Inverse Universe

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



44, 3.783, 351.521



56, 5.818, 351.716



46, 5.361, 147.403



22, 2.982, 351.695



24, 48.542, 11.858



53, 83.585, 15.169

Previews

White Background



This preview shows how the CIELCh color 44, 5.236, 313.576 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 44, 5.236, 313.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

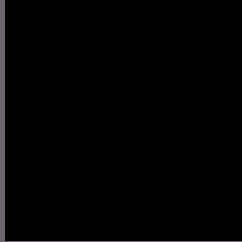
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 5.236, 313.576

Background



This preview shows how black text looks on a background with the CIELCh color 44, 5.236, 313.576.



This preview shows how white text looks on a background with the CIELCh color 44, 5.236, 313.576.

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, 5.236, 313.576

Protanopia

44, 4.824, 295.635

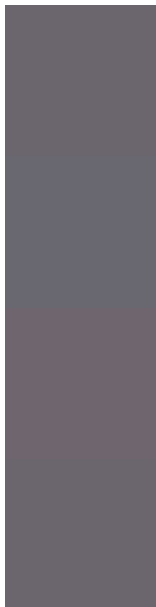
Deuteranopia

44, 7.277, 324.885



Tritanopia
44, 5.236, 313.576

Trichromacy



Original Color

44, 5.236, 313.576

Protanomaly

44, 4.878, 300.340

Deuteranomaly

44, 7.057, 322.106

Tritanomaly

44, 5.236, 313.576

Monochromacy



Original Color

44, 5.236, 313.576

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 1.987, 314.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 5.236, 313.576 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(107, 102, 110)` looks like.

```
.text, #text, p{  
    color:rgb(107, 102, 110)  
}
```

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(107, 102, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 102, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 5.236, 313.576 is called "border". The border property can be set on classes, ids or directly on the HTML element.

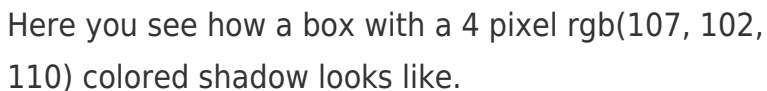
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 102, 110) }
```

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

```
.border{ border-color:rgb(107, 102, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 102, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 102, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 102, 110);  
box-shadow:4px 4px 4px 4px rgb(107, 102,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 5.236, 313.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 102, 110) }
```

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

```
.background{ background-color: rgb(107,  
102, 110) }
```

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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