

Converting Colors

CIELCh(43, 10.329, 311.190)

Have a look what the booklet for
CIELCh(43, 10.329, 311.190)
contains.

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Color

CIELCh(43, 10.339, 311.789)

Conversions

Conversions Part 1

Format	Color
Hex	6B6272
RGB	107, 98, 114
RGB Percent	42%, 38%, 45%
CMY	0.5792, 0.6145, 0.5517
CMYK	0.06, 0.14, 0.00, 0.55
HSL	274°, 8%, 42%
HSV	274°, 14%, 45%
XYZ	13.5503, 13.1578, 17.8367
YIQ	102.5150, 0.2280, 6.8840

Conversions

Conversions Part 2

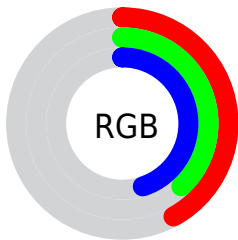
Format	Color
R_{YB}	107, 98, 114
Decimal	7037554
CIE Lab	43.00, 6.89, -7.71
CIE LCh	43, 10.339, 311.789
Yxy	13.1578, 0.3042, 0.2954
Android (android.graphics.Color)	4285227634 (0xFF6B6272)
YUV	102.5150, 5.6621, 3.9333
Hunter-Lab	36.2736, 3.2012, -3.7629

Details

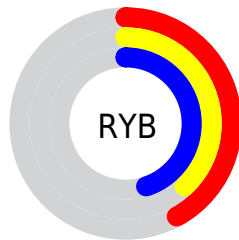
The CIELCh color $43, 10.339, 311.789$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 10.175, 130.656$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 10.145, 310.518$, and $23, 10.022, 312.335$ is the 20% darker color. If you saturate the color by 10%, you get $39, 17.926, 312.235$, and if you desaturate by 10%, it is $47, 2.921, 311.349$.

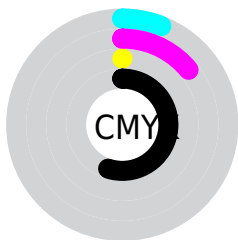
Distribution



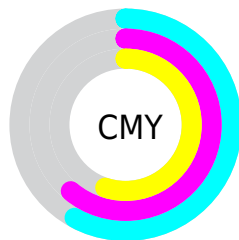
- Red (42%)
- Green (38%)
- Blue (45%)



- Red (42%)
- Yellow (38%)
- Blue (45%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (55%)





- Cyan (58%)
- Magenta (61%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 10.339, 311.789 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 43, 10.339, 311.789 by changing the saturation by 10% instead.


 43, 10.339,
311.789


 43, 10.339,
311.789


 100, 10.339,
311.789


 33, 10.339,
311.789

 63, 10.339,
311.789


 23, 10.339,
311.789

 73, 10.339,
311.789

 13, 10.339,
311.789


 83, 10.339,
311.789

 3, 10.339, 311.789

 93, 10.339,
311.789

 0, 10.339, 311.789

 43, 10.339,

 43, 10.339,

311.789

39, 17.926,
312.235

36, 25.642,
312.697

32, 33.403,
313.159

29, 41.074,
313.592

26, 48.440,
313.956

23, 55.191,
314.191

20, 60.918,
314.223

18, 65.278,
313.988

311.789

47, 2.921, 311.349

50, 4.300, 131.018

54, 11.319,
130.656

58, 18.133,
130.338

61, 24.748,
130.056

65, 31.171,
129.807

69, 37.411,
129.587

72, 43.477,
129.394

■ 17, 67.838,
313.889

■ 76, 49.379,
129.225

Harmonies

Complementary

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



43, 10.339, 311.789



47, 10.175, 130.656

Rectangle

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



43, 10.339, 311.789



43, 10.339, 1.789



43, 10.339, 131.789



43, 10.339, 181.789

Sweetspot

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



43, 10.338, 311.788



59, 3.606, 311.353



44, 5.914, 262.498



30, 2.547, 311.382



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 10.338, 311.788



54, 15.564, 311.939



44, 11.228, 326.538



22, 4.064, 311.570



18, 70.204, 313.832



42, 120.515, 313.209

Inverse Universe

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



43, 7.885, 348.326



54, 11.873, 348.656



46, 11.213, 145.003



22, 3.098, 347.856



24, 48.307, 6.014



53, 82.581, 9.019

Previews

White Background



This preview shows how the CIELCh color 43, 10.339, 311.789 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 43, 10.339, 311.789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

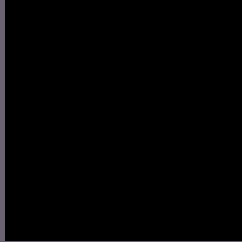
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 10.339, 311.789

Background



This preview shows how black text looks on a background with the CIELCh color 43, 10.339, 311.789.



This preview shows how white text looks on a background with the CIELCh color 43, 10.339, 311.789.

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


43, 10.339, 311.789

Protanopia

43, 9.046, 286.562

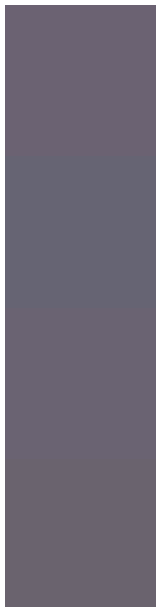
Deuteranopia

43, 9.497, 308.476



Tritanopia
43, 5.634, 321.311

Trichromacy



Original Color
43, 10.339, 311.789

Protanomaly
43, 9.087, 296.435

Deuteranomaly
43, 9.497, 308.476

Tritanomaly
43, 7.241, 314.063

Monochromacy



Original Color
43, 10.339, 311.789

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 3.981, 314.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 10.339, 311.789 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, 98, 114)` looks like.

```
.text, #text, p{  
    color:rgb(107, 98, 114)  
}
```

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, 98, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 98, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 10.339, 311.789 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, 98, 114) }
```

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

```
.border{ border-color:rgb(107, 98, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 98, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 98, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 98, 114);  
box-shadow:4px 4px 4px 4px rgb(107, 98,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 10.339, 311.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 98, 114) }
```

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

```
.background{ background-color: rgb(107, 98,  
114) }
```

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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