

Converting Colors

CIELCh(43, 10.910, 310.768)

Have a look what the booklet for
CIELCh(43, 10.910, 310.768)
contains.

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Color

CIELCh(43, 10.903, 310.706)

Conversions

Conversions Part 1

Format	Color
Hex	6B6273
RGB	107, 98, 115
RGB Percent	42%, 38%, 45%
CMY	0.5795, 0.6148, 0.5482
CMYK	0.07, 0.15, 0.00, 0.55
HSL	272°, 8%, 42%
HSV	272°, 15%, 45%
XYZ	13.5847, 13.1578, 18.1101
YIQ	102.6290, -0.0930, 7.1950

Conversions

Conversions Part 2

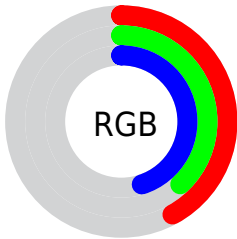
Format	Color
R_{YB}	107, 98, 115
Decimal	7037555
CIE Lab	43.00, 7.11, -8.27
CIE LCh	43, 10.903, 310.706
Yxy	13.1578, 0.3029, 0.2934
Android (android.graphics.Color)	4285227635 (0xFF6B6273)
YUV	102.6290, 6.0989, 3.8334
Hunter-Lab	36.2736, 3.3705, -4.2099

Details

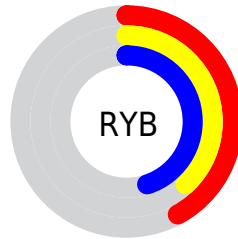
The CIELCh color $43, 10.903, 310.706$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 10.707, 129.480$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 10.673, 309.535$, and $23, 10.645, 311.113$ is the 20% darker color. If you saturate the color by 10%, you get $39, 18.513, 311.170$, and if you desaturate by 10%, it is $47, 3.472, 310.257$.

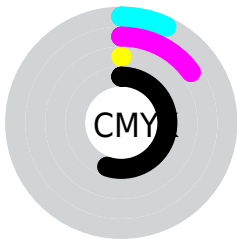
Distribution



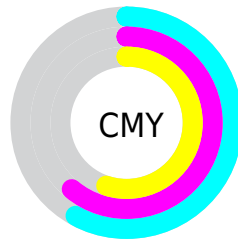
- Red (42%)
- Green (38%)
- Blue (45%)



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



- Cyan (7%)
- Magenta (15%)
- Yellow (0%)
- Black (55%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 10.903, 310.706 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, 10.903, 310.706 by changing the saturation by 10% instead.


 43, 10.903,
310.706


 43, 10.903,
310.706


 100, 10.903,
310.706


 33, 10.903,
310.706

 63, 10.903,
310.706


 23, 10.903,
310.706

 73, 10.903,
310.706

 13, 10.903,
310.706

 83, 10.903,
310.706

 3, 10.903, 310.706

 93, 10.903,
310.706

 0, 10.903, 310.706

 43, 10.903,

 43, 10.903,

310.706

■ 39, 18.513,
311.170

■ 36, 26.263,
311.655

■ 32, 34.074,
312.144

■ 29, 41.812,
312.609

■ 25, 49.260,
313.007

■ 22, 56.099,
313.274

■ 20, 61.903,
313.328

■ 18, 66.353,
313.117

310.706

■ 47, 3.472, 310.257

■ 50, 3.757, 129.911

■ 54, 10.777,
129.539

■ 58, 17.590,
129.217

■ 62, 24.202,
128.932

■ 65, 30.620,
128.681

■ 69, 36.853,
128.461

■ 73, 42.912,
128.269

■ 17, 68.693,
313.060

■ 76, 48.805,
128.102

Harmonies

Complementary

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



43, 10.903, 310.706



47, 10.707, 129.480

Rectangle

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



43, 10.903, 310.706



43, 10.903, 0.706



43, 10.903, 130.706



43, 10.903, 180.706

Sweetspot

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



43, 10.902, 310.705



60, 3.629, 310.227



45, 6.083, 259.159



31, 2.601, 310.257



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 10.902, 310.705



54, 16.622, 310.874



44, 12.189, 325.646



23, 4.188, 310.450



18, 71.774, 312.988



41, 122.344, 312.376

Inverse Universe

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



43, 8.549, 346.467



55, 13.025, 346.814



47, 12.175, 144.039



23, 3.286, 345.948



25, 49.151, 3.051



54, 83.150, 5.774

Previews

White Background



This preview shows how the CIELCh color 43, 10.903, 310.706 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 43, 10.903, 310.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

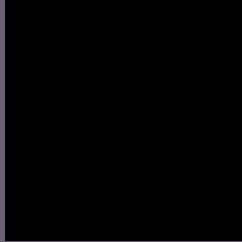
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 10.903, 310.706

Background



This preview shows how black text looks on a background with the CIELCh color 43, 10.903, 310.706.



This preview shows how white text looks on a background with the CIELCh color 43, 10.903, 310.706.

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, 10.903, 310.706

Protanopia

43, 9.645, 286.972

Deuteranopia

43, 9.968, 305.293



Tritanopia
43, 4.901, 320.748

Trichromacy



Original Color
43, 10.903, 310.706

Protanomaly
43, 9.686, 296.193

Deuteranomaly
43, 10.072, 307.497

Tritanomaly
43, 7.241, 314.063

Monochromacy



Original Color
43, 10.903, 310.706

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, 10.903, 310.706 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(107, 98, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 98, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 10.903, 310.706 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, 115) }
```

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

```
.border{ border-color:rgb(107, 98, 115) }
```

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, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 98, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 98, 115);  
box-shadow:4px 4px 4px 4px rgb(107, 98,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 10.903, 310.706 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, 115) }
```

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

```
.background{ background-color: rgb(107, 98,  
115) }
```

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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