

Converting Colors

CIELCh(43, 10.063, 212.265)

Have a look what the booklet for
CIELCh(43, 10.063, 212.265)
contains.

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Color

CIELCh(43, 10.055, 212.260)

Conversions

Conversions Part 1

Format	Color
Hex	506A6E
RGB	80, 106, 110
RGB Percent	31%, 42%, 43%
CMY	0.6860, 0.5840, 0.5684
CMYK	0.27, 0.04, 0.00, 0.57
HSL	188°, 16%, 37%
HSV	188°, 27%, 43%
XYZ	11.2931, 13.1578, 16.7159
YIQ	98.6820, -16.7800, -4.2680

Conversions

Conversions Part 2

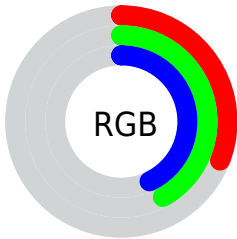
Format	Color
R_{YB}	80, 94, 110
Decimal	5270126
CIE _{Lab}	43.00, -8.50, -5.37
CIE _{LCh}	43, 10.055, 212.260
Yxy	13.1578, 0.2743, 0.3196
Android (android.graphics.Color)	4283460206 (0xFF506A6E)
YUV	98.6820, 5.5798, -16.3841
Hunter-Lab	36.2736, -7.9062, -1.9310

Details

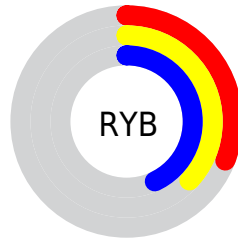
The CIELCh color **43, 10.055, 212.260** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **38, 12.036, 32.609**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 10.057, 214.847**, and **23, 10.039, 213.356** is the 20% darker color. If you saturate the color by 10%, you get **42, 13.238, 212.540**, and if you desaturate by 10%, it is **44, 6.569, 212.119**.

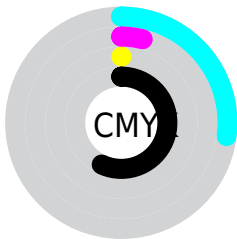
Distribution



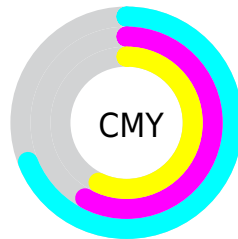
- Red (31%)
- Green (42%)
- Blue (43%)



- Red (31%)
- Yellow (37%)
- Blue (43%)



- Cyan (27%)
- Magenta (4%)
- Yellow (0%)
- Black (57%)





- Cyan (69%)
- Magenta (58%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 10.055, 212.260 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, 10.055, 212.260 by changing the saturation by 10% instead.


 43, 10.055,
212.260


 43, 10.055,
212.260


 100, 10.055,
212.260


 33, 10.055,
212.260

 63, 10.055,
212.260


 23, 10.055,
212.260

 73, 10.055,
212.260

 13, 10.055,
212.260

 83, 10.055,
212.260

 3, 10.055, 212.260

 93, 10.055,
212.260

 0, 10.055, 212.260

 43, 10.055,

 43, 10.055,

212.260

■ 42, 13.238,
212.540

■ 41, 16.059,
213.002

■ 40, 18.466,
213.676

■ 39, 20.414,
214.606

■ 38, 21.876,
215.838

■ 38, 22.852,
217.420

■ 37, 23.470,
219.292

■ 37, 23.639,
219.796

212.260

■ 44, 6.569, 212.119

■ 45, 2.836, 212.149

■ 47, 1.094, 31.741

■ 48, 5.174, 32.114

■ 50, 9.366, 32.313

■ 51, 13.638, 32.533

■ 53, 17.962, 32.777

■ 54, 22.317, 33.039

■ 56, 26.687, 33.314

Harmonies

Complementary

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



43, 10.055, 212.260



38, 12.036, 32.609

Rectangle

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



43, 10.055, 212.260



43, 10.055, 262.260



43, 10.055, 32.260



43, 10.055, 82.260

Sweetspot

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



43, 10.055, 212.255



58, 3.861, 212.134



44, 20.252, 145.974



29, 2.717, 212.121



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 10.055, 212.255



54, 14.712, 212.425



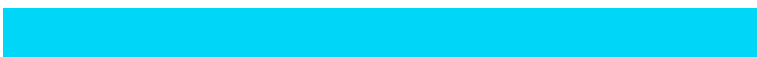
39, 12.008, 270.851



23, 2.223, 212.125



40, 25.105, 220.045



79, 42.752, 221.597

Inverse Universe

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



38, 20.056, 329.842



47, 30.001, 330.229



42, 12.284, 83.565



22, 4.181, 328.779



27, 59.798, 334.104



57, 101.547, 334.491

Previews

White Background



This preview shows how the CIE LCh color 43, 10.055, 212.260 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, 10.055, 212.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

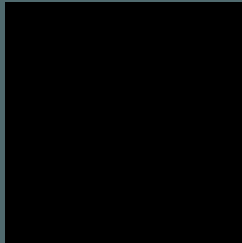
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

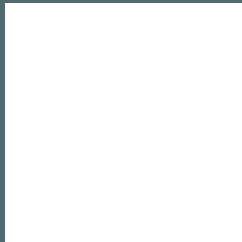
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 10.055, 212.260

Background



This preview shows how black text looks on a background with the CIELCh color 43, 10.055, 212.260.



This preview shows how white text looks on a background with the CIELCh color 43, 10.055, 212.260.

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, 10.055, 212.260

Protanopia

43, 3.615, 290.714

Deuteranopia

43, 8.358, 310.870



Tritanopia
43, 10.298, 230.465

Trichromacy



Original Color
43, 10.055, 212.260

Protanomaly
43, 4.911, 236.974

Deuteranomaly
43, 5.722, 270.809

Tritanomaly
43, 10.051, 227.307

Monochromacy



Original Color
43, 10.055, 212.260

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.056, 207.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 10.055, 212.260 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(80, 106, 110)` looks like.

```
.text, #text, p{  
    color:rgb(80, 106, 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(80, 106, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 106, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 10.055, 212.260 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(80, 106, 110) }
```

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

```
.border{ border-color:rgb(80, 106, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 106, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 106, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 106, 110);  
box-shadow:4px 4px 4px 4px rgb(80, 106,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 10.055, 212.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 106, 110) }
```

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

```
.background{ background-color: rgb(80, 106,  
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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