

Converting Colors

CIELCh(43, 7.458, 224.520)

Have a look what the booklet for
CIELCh(43, 7.458, 224.520) contains.

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Color

CIELCh(43, 7.494, 222.452)

Conversions

Conversions Part 1

Format	Color
Hex	57696E
RGB	87, 105, 110
RGB Percent	34%, 41%, 43%
CMY	0.6602, 0.5896, 0.5700
CMYK	0.21, 0.05, 0.00, 0.57
HSL	193°, 12%, 38%
HSV	193°, 21%, 43%
XYZ	11.7079, 13.1578, 16.5718
YIQ	100.1880, -12.3330, -2.2610

Conversions

Conversions Part 2

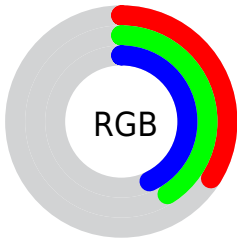
Format	Color
R_{YB}	87, 97, 110
Decimal	5728622
CIE _{Lab}	43.00, -5.53, -5.06
CIE _{LCh}	43, 7.494, 222.452
Yxy	13.1578, 0.2825, 0.3175
Android (android.graphics.Color)	4283918702 (0xFF57696E)
YUV	100.1880, 4.8373, -11.5659
Hunter-Lab	36.2736, -5.8650, -1.6954

Details

The CIELCh color **43, 7.494, 222.452** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 8.522, 41.020**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 7.633, 225.062**, and **23, 7.587, 224.568** is the 20% darker color. If you saturate the color by 10%, you get **42, 10.730, 223.119**, and if you desaturate by 10%, it is **45, 4.023, 221.977**.

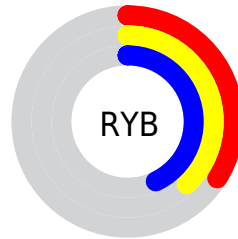
Distribution



Red (34%)

Green (41%)

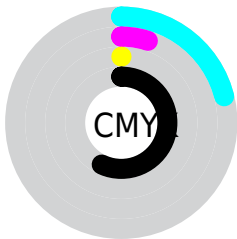
Blue (43%)



Red (34%)

Yellow (38%)

Blue (43%)

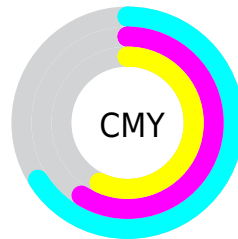


Cyan (21%)

Magenta (5%)

Yellow (0%)

Black (57%)



Cyan (66%)

Magenta (59%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 7.494, 222.452 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, 7.494, 222.452 by changing the saturation by 10% instead.

■ 43, 7.494, 222.452

■ 43, 7.494, 222.452

■ 100, 7.494,
222.452

■ 33, 7.494, 222.452

■ 63, 7.494, 222.452

■ 23, 7.494, 222.452

■ 73, 7.494, 222.452

■ 13, 7.494, 222.452

■ 83, 7.494, 222.452

■ 3, 7.494, 222.452

■ 93, 7.494, 222.452

■ 0, 7.494, 222.452

■ 43, 7.494, 222.452

■ 43, 7.494, 222.452

■ 42, 10.730,
223.119

■ 45, 4.023, 221.977

■ 40, 13.684,

■ 46, 0.364, 222.481

224.030

48, 3.443, 41.179

39, 16.305,
225.229

49, 7.363, 41.074

38, 18.552,
226.778

51, 11.366, 41.002

36, 20.394,
228.750

53, 15.428, 40.974

35, 21.823,
231.220

55, 19.529, 40.985

34, 22.862,
234.254

57, 23.652, 41.026

33, 23.686,
237.153

Harmonies

Complementary

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



43, 7.494, 222.452



41, 8.522, 41.020

Rectangle

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



43, 7.494, 222.452



43, 7.494, 272.452



43, 7.494, 42.452



43, 7.494, 92.452

Sweetspot

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



43, 7.494, 222.444



58, 2.764, 221.853



44, 14.439, 149.721



30, 1.819, 221.859



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, 7.494, 222.444



54, 10.944, 222.735



40, 10.306, 277.660



22, 2.032, 221.912



36, 24.876, 237.489



72, 43.170, 240.146

Inverse Universe

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



40, 14.498, 332.403



50, 21.486, 332.706



44, 10.237, 92.475



21, 3.788, 331.639



25, 55.396, 338.699



55, 94.471, 339.471

Previews

White Background



This preview shows how the CIELCh color 43, 7.494, 222.452 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, 7.494, 222.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

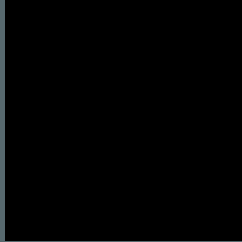
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

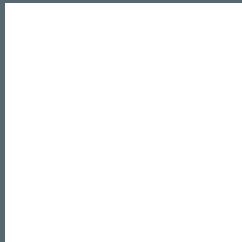
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 7.494, 222.452

Background



This preview shows how black text looks on a background with the CIELCh color 43, 7.494, 222.452.



This preview shows how white text looks on a background with the CIELCh color 43, 7.494, 222.452.

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

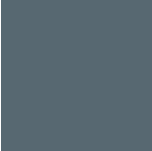
43, 7.494, 222.452

Protanopia

43, 3.615, 290.714

Deuteranopia

43, 7.952, 315.081



Tritanopia
43, 8.315, 239.679

Trichromacy



Original Color
43, 7.494, 222.452

Protanomaly
43, 4.288, 256.848

Deuteranomaly
43, 6.027, 287.281

Tritanomaly
43, 7.976, 236.116

Monochromacy



Original Color
43, 7.494, 222.452

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 3.050, 222.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 7.494, 222.452 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(87, 105, 110)` looks like.

```
.text, #text, p{  
    color:rgb(87, 105, 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(87, 105, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 105, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 7.494, 222.452 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(87, 105, 110) }
```

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

```
.border{ border-color:rgb(87, 105, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 105, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 105, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 105, 110);  
box-shadow:4px 4px 4px 4px rgb(87, 105,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 7.494, 222.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 105, 110) }
```

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

```
.background{ background-color: rgb(87, 105,  
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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