

Converting Colors

CIELCh(43, 10.958, 224.645)

Have a look what the booklet for
CIELCh(43, 10.958, 224.645)
contains.

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Color

CIELCh(43, 10.950, 224.624)

Conversions

Conversions Part 1

Format	Color
Hex	4F6A72
RGB	79, 106, 114
RGB Percent	31%, 42%, 45%
CMY	0.6906, 0.5847, 0.5533
CMYK	0.31, 0.07, 0.00, 0.55
HSL	194°, 18%, 38%
HSV	194°, 31%, 45%
XYZ	11.3912, 13.1578, 17.8284
YIQ	98.8390, -18.6600, -3.2360

Conversions

Conversions Part 2

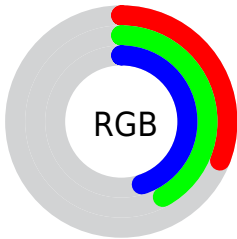
Format	Color
RYB	79, 94, 114
Decimal	5204594
CIELab	43.00, -7.79, -7.69
CIELCh	43, 10.950, 224.624
Yxy	13.1578, 0.2688, 0.3105
Android (android.graphics.Color)	4283394674 (0xFF4F6A72)
YUV	98.8390, 7.4744, -17.3988
Hunter-Lab	36.2736, -7.4237, -3.7493

Details

The CIELCh color $43, 10.950, 224.624$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $39, 13.318, 42.135$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 11.023, 225.965$, and $23, 11.009, 223.167$ is the 20% darker color. If you saturate the color by 10%, you get $42, 13.999, 225.607$, and if you desaturate by 10%, it is $45, 7.615, 223.878$.

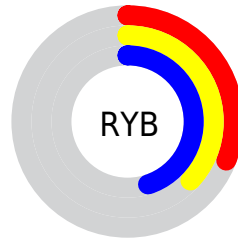
Distribution



Red (31%)

Green (42%)

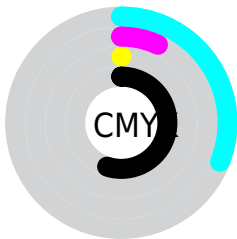
Blue (45%)



Red (31%)

Yellow (37%)

Blue (45%)

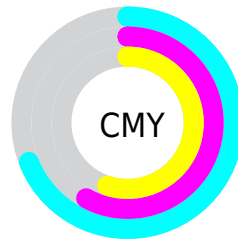


Cyan (31%)

Magenta (7%)

Yellow (0%)

Black (55%)



Cyan (69%)


Magenta (58%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 10.950, 224.624 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, 10.950, 224.624 by changing the saturation by 10% instead.


 43, 10.950,
224.624


 43, 10.950,
224.624


 100, 10.950,
224.624


 33, 10.950,
224.624

 63, 10.950,
224.624


 23, 10.950,
224.624

 73, 10.950,
224.624

 13, 10.950,
224.624


 83, 10.950,
224.624

 3, 10.950, 224.624

 93, 10.950,
224.624

 0, 10.950, 224.624

 43, 10.950,

 43, 10.950,

224.624

■ 42, 13.999,
225.607

■ 40, 16.713,
226.897

■ 39, 19.048,
228.554

■ 38, 20.974,
230.656

■ 36, 22.487,
233.278

■ 35, 23.613,
236.486

■ 34, 24.525,
239.668

224.624

■ 45, 7.615, 223.878

■ 46, 4.043, 223.355

■ 48, 0.281, 224.115

■ 50, 3.630, 42.465

■ 51, 7.654, 42.316

■ 53, 11.762, 42.206

■ 55, 15.929, 42.145

■ 57, 20.136, 42.124

■ 59, 24.365, 42.135

Harmonies

Complementary

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



43, 10.950, 224.624



39, 13.318, 42.135

Rectangle

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



43, 10.950, 224.624



43, 10.950, 274.624



43, 10.950, 44.624



43, 10.950, 94.624

Sweetspot

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



43, 10.950, 224.619



59, 4.217, 223.299



45, 21.825, 148.894



30, 2.904, 223.342



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, 10.950, 224.619



54, 15.922, 225.306



38, 15.744, 279.263



23, 2.102, 223.290



36, 25.456, 239.926



72, 43.932, 242.611

Inverse Universe

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



38, 21.758, 333.475



47, 32.345, 333.970



44, 15.579, 91.277



22, 3.908, 332.054



26, 55.792, 339.406



56, 94.425, 340.213

Previews

White Background



This preview shows how the CIELCh color 43, 10.950, 224.624 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, 10.950, 224.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

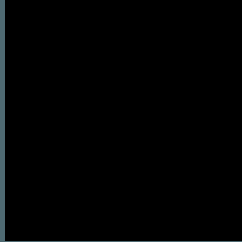
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 10.950, 224.624

Background



This preview shows how black text looks on a background with the CIELCh color 43, 10.950, 224.624.



This preview shows how white text looks on a background with the CIELCh color 43, 10.950, 224.624.

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, 10.950, 224.624

Protanopia

43, 6.027, 287.281

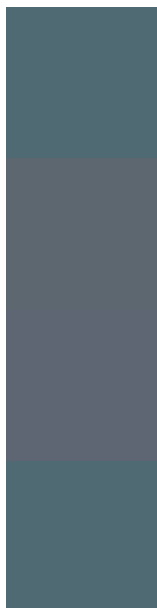
Deuteranopia

43, 9.880, 303.055



Tritanopia
43, 10.950, 224.624

Trichromacy



Original Color
43, 10.950, 224.624

Protanomaly
43, 6.803, 252.082

Deuteranomaly
43, 8.210, 272.089

Tritanomaly
43, 10.950, 224.624

Monochromacy



Original Color
43, 10.950, 224.624

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.160, 215.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 10.950, 224.624 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(79, 106, 114)` looks like.

```
.text, #text, p{  
    color:rgb(79, 106, 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(79, 106, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 106, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 10.950, 224.624 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(79, 106, 114) }
```

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

```
.border{ border-color:rgb(79, 106, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 106, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 106, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 106, 114);  
box-shadow:4px 4px 4px 4px rgb(79, 106,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 10.950, 224.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 106, 114) }
```

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

```
.background{ background-color: rgb(79, 106,  
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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