

Converting Colors

CIELCh(43, 13.461, 224.420)

Have a look what the booklet for
CIELCh(43, 13.461, 224.420)
contains.

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Color

CIELCh(43, 13.650, 224.490)

Conversions

Conversions Part 1

Format	Color
Hex	486B75
RGB	72, 107, 117
RGB Percent	28%, 42%, 46%
CMY	0.7179, 0.5807, 0.5415
CMYK	0.38, 0.09, 0.00, 0.54
HSL	193°, 24%, 37%
HSV	193°, 38%, 46%
XYZ	11.1238, 13.1578, 18.7602
YIQ	97.6750, -24.0700, -4.3100

Conversions

Conversions Part 2

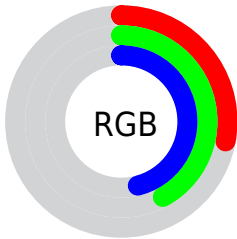
Format	Color
R_{YB}	72, 92, 117
Decimal	4746101
CIE _{Lab}	43.00, -9.74, -9.57
CIE _{LCh}	43, 13.650, 224.490
Yxy	13.1578, 0.2584, 0.3057
Android (android.graphics.Color)	4282936181 (0xFF486B75)
YUV	97.6750, 9.5272, -22.5170
Hunter-Lab	36.2736, -8.7394, -5.2723

Details

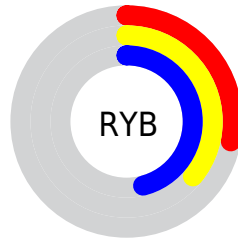
The CIELCh color **43, 13.650, 224.490** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **38, 17.637, 41.507**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 13.751, 225.203**, and **23, 13.766, 223.620** is the 20% darker color. If you saturate the color by 10%, you get **42, 16.496, 225.663**, and if you desaturate by 10%, it is **45, 10.466, 223.594**.

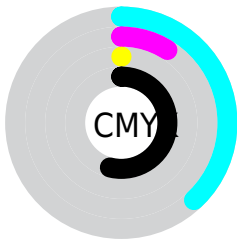
Distribution



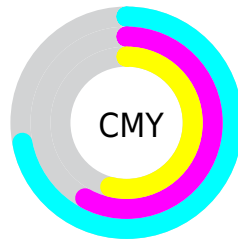
- Red (28%)
- Green (42%)
- Blue (46%)



- Red (28%)
- Yellow (36%)
- Blue (46%)



- Cyan (38%)
- Magenta (9%)
- Yellow (0%)
- Black (54%)




- Cyan (72%)
- Magenta (58%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 13.650, 224.490 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, 13.650, 224.490 by changing the saturation by 10% instead.


 43, 13.650,
224.490


 43, 13.650,
224.490


 100, 13.650,
224.490


 33, 13.650,
224.490

 63, 13.650,
224.490


 23, 13.650,
224.490

 73, 13.650,
224.490

 13, 13.650,
224.490


 83, 13.650,
224.490

 3, 13.650, 224.490

 93, 13.650,
224.490

 0, 13.650, 224.490

 43, 13.650,

 43, 13.650,

224.490

224.490

■ 42, 16.496,
225.663

■ 45, 10.466,
223.594

■ 40, 18.957,
227.186

■ 46, 6.996, 222.936

■ 39, 20.998,
229.130

■ 48, 3.292, 222.497

■ 49, 0.599, 41.426

■ 38, 22.606,
231.572

■ 51, 4.637, 41.708

■ 37, 23.799,
234.583

■ 53, 8.784, 41.587

■ 55, 13.012, 41.510

■ 36, 24.743,
237.989

■ 57, 17.296, 41.478

■ 36, 24.893,
238.489

■ 59, 21.616, 41.484

Harmonies

Complementary

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



43, 13.650, 224.490



38, 17.637, 41.507

Rectangle

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



43, 13.650, 224.490



43, 13.650, 274.490



43, 13.650, 44.490



43, 13.650, 94.490

Sweetspot

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



43, 13.650, 224.487



61, 5.753, 222.635



45, 27.834, 148.149



31, 3.784, 222.676



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, 13.650, 224.487



54, 19.620, 225.493



36, 20.320, 280.725



24, 2.187, 222.514



37, 25.739, 238.711



73, 44.032, 241.264

Inverse Universe

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



37, 27.856, 333.765



45, 41.086, 334.378



44, 20.018, 90.295



23, 4.075, 331.827



27, 56.874, 339.051



56, 95.595, 339.805

Previews

White Background



This preview shows how the CIELCh color 43, 13.650, 224.490 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, 13.650, 224.490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

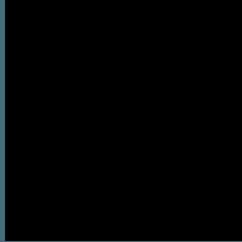
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 13.650, 224.490

Background



This preview shows how black text looks on a background with the CIELCh color 43, 13.650, 224.490.



This preview shows how white text looks on a background with the CIELCh color 43, 13.650, 224.490.

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, 13.650, 224.490

Protanopia

43, 7.838, 291.320

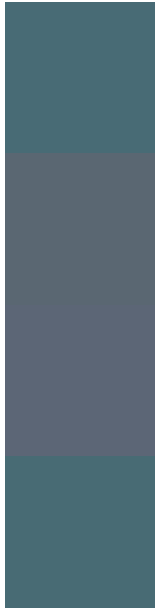
Deuteranopia

43, 12.187, 299.193



Tritanopia
43, 13.475, 221.986

Trichromacy



Original Color
43, 13.650, 224.490

Protanomaly
43, 8.162, 253.545

Deuteranomaly
43, 10.243, 269.890

Tritanomaly
43, 13.475, 221.986

Monochromacy



Original Color
43, 13.650, 224.490

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 5.278, 226.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 13.650, 224.490 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(72, 107, 117)` looks like.

```
.text, #text, p{  
    color:rgb(72, 107, 117)  
}
```

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(72, 107, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 107, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 13.650, 224.490 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(72, 107, 117) }
```

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

```
.border{ border-color:rgb(72, 107, 117) }
```

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

Here you see how a box with a 4 pixel rgb(72, 107, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 107, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 107, 117);  
box-shadow:4px 4px 4px 4px rgb(72, 107,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 13.650, 224.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 107, 117) }
```

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

```
.background{ background-color: rgb(72, 107,  
117) }
```

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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