

Converting Colors

CIELCh(43, 10.848, 234.657)

Have a look what the booklet for
CIELCh(43, 10.848, 234.657)
contains.

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Color

CIELCh(43, 10.874, 236.324)

Conversions

Conversions Part 1

Format	Color
Hex	516974
RGB	81, 105, 116
RGB Percent	32%, 41%, 45%
CMY	0.6817, 0.5876, 0.5444
CMYK	0.30, 0.09, 0.00, 0.54
HSL	199°, 18%, 39%
HSV	199°, 30%, 46%
XYZ	11.6374, 13.1578, 18.5002
YIQ	99.0780, -17.8350, -1.6670

Conversions

Conversions Part 2

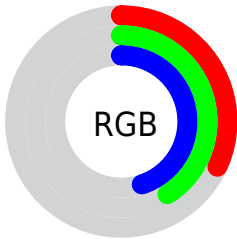
Format	Color
R_{YB}	81, 95, 116
Decimal	5335412
CIE _{Lab}	43.00, -6.03, -9.05
CIE _{LCh}	43, 10.874, 236.324
Yxy	13.1578, 0.2688, 0.3039
Android (android.graphics.Color)	4283525492 (0xFF516974)
YUV	99.0780, 8.3425, -15.8544
Hunter-Lab	36.2736, -6.2118, -4.8474

Details

The CIELCh color $43, 10.874, 236.324$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $41, 12.846, 51.417$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 10.961, 236.757$, and $23, 10.966, 235.988$ is the 20% darker color. If you saturate the color by 10%, you get $41, 14.075, 237.817$, and if you desaturate by 10%, it is $45, 7.444, 235.126$.

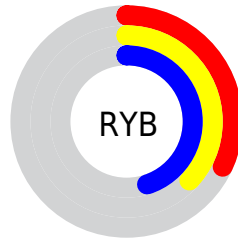
Distribution



Red (32%)

Green (41%)

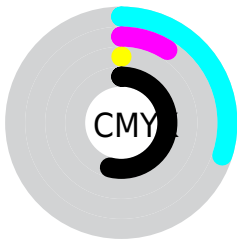
Blue (45%)



Red (32%)

Yellow (37%)

Blue (45%)

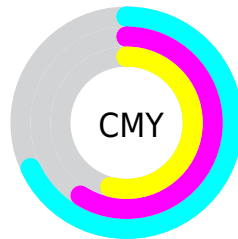


Cyan (30%)

Magenta (9%)

Yellow (0%)

Black (54%)



Cyan (68%)


Magenta (59%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 10.874, 236.324 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, 10.874, 236.324 by changing the saturation by 10% instead.


 43, 10.874,
236.324


 43, 10.874,
236.324


 100, 10.874,
236.324


 33, 10.874,
236.324

 63, 10.874,
236.324


 23, 10.874,
236.324

 73, 10.874,
236.324

 13, 10.874,
236.324


 83, 10.874,
236.324

 3, 10.874, 236.324

 93, 10.874,
236.324

 0, 10.874, 236.324

 43, 10.874,

 43, 10.874,

236.324

236.324

■ 41, 14.075,
237.817

■ 45, 7.444, 235.126

■ 39, 17.010,
239.683

■ 47, 3.825, 234.200

■ 49, 0.054, 239.498

■ 38, 19.650,
241.993

■ 51, 3.835, 52.625

■ 36, 21.978,
244.823

■ 53, 7.815, 52.167

■ 55, 11.859, 51.776

■ 34, 24.007,
248.240

■ 57, 15.949, 51.455

■ 33, 25.780,
252.275

■ 59, 20.067, 51.193

■ 62, 24.200, 50.980

■ 32, 27.474,
256.436

Harmonies

Complementary

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



43, 10.874, 236.324



41, 12.846, 51.417

Rectangle

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



43, 10.874, 236.324



43, 10.874, 286.324



43, 10.874, 56.324



43, 10.874, 106.324

Sweetspot

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



43, 10.874, 236.319



60, 4.206, 234.131



46, 20.433, 151.990



31, 2.939, 234.223



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, 10.874, 236.319



54, 15.756, 237.297



38, 17.352, 284.413



24, 2.146, 234.118



33, 28.598, 256.744



67, 49.859, 259.784

Inverse Universe

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



39, 20.447, 336.968



48, 30.129, 337.505



46, 16.787, 97.059



23, 3.816, 335.425



26, 53.505, 345.134



55, 89.775, 346.399

Previews

White Background



This preview shows how the CIE LCh color 43, 10.874, 236.324 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, 10.874, 236.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

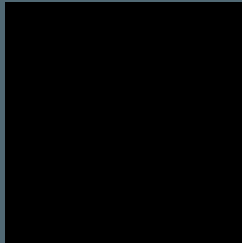
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

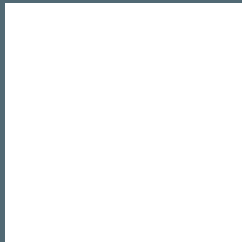
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 10.874, 236.324

Background



This preview shows how black text looks on a background with the CIELCh color 43, 10.874, 236.324.

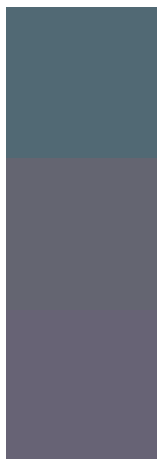


This preview shows how white text looks on a background with the CIELCh color 43, 10.874, 236.324.

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, 10.874, 236.324

Protanopia

43, 7.227, 288.105

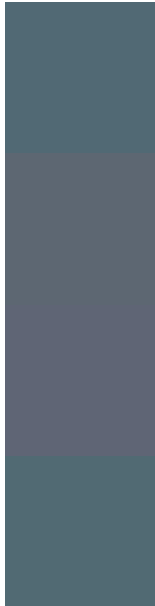
Deuteranopia

43, 10.995, 299.887



Tritanopia
43, 10.345, 226.342

Trichromacy



Original Color
43, 10.874, 236.324

Protanomaly
43, 7.565, 260.456

Deuteranomaly
43, 9.850, 278.096

Tritanomaly
43, 10.581, 229.437

Monochromacy



Original Color
43, 10.874, 236.324

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 3.967, 236.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 10.874, 236.324 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(81, 105, 116)` looks like.

```
.text, #text, p{  
    color:rgb(81, 105, 116)  
}
```

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(81, 105, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 105, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 10.874, 236.324 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(81, 105, 116) }
```

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

```
.border{ border-color:rgb(81, 105, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 105, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 105, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 105, 116);  
box-shadow:4px 4px 4px 4px rgb(81, 105,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 10.874, 236.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 105, 116) }
```

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

```
.background{ background-color: rgb(81, 105,  
116) }
```

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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