

Converting Colors

CIELCh(43, 9.441, 247.033)

Have a look what the booklet for
CIELCh(43, 9.441, 247.033) contains.

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Color

CIELCh(43, 9.486, 248.737)

Conversions

Conversions Part 1

Format	Color
Hex	576874
RGB	87, 104, 116
RGB Percent	34%, 41%, 45%
CMY	0.6592, 0.5926, 0.5455
CMYK	0.25, 0.10, 0.00, 0.55
HSL	205°, 14%, 40%
HSV	205°, 25%, 45%
XYZ	12.0054, 13.1578, 18.3957
YIQ	100.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

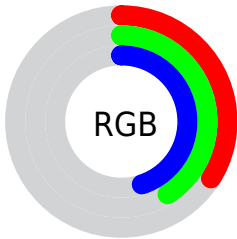
Format	Color
R _Y B	87, 98, 116
Decimal	5728372
CIE Lab	43.00, -3.44, -8.84
CIE LCh	43, 9.486, 248.737
Yxy	13.1578, 0.2756, 0.3021
Android (android.graphics.Color)	4283918452 (0xFF576874)
YUV	100.2850, 7.7475, -11.6509
Hunter-Lab	36.2736, -4.4012, -4.6766

Details

The CIELCh color $43, 9.486, 248.737$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 10.474, 63.027$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 9.590, 248.555$, and $23, 9.455, 249.991$ is the 20% darker color. If you saturate the color by 10%, you get $41, 13.067, 250.448$, and if you desaturate by 10%, it is $45, 5.773, 247.317$.

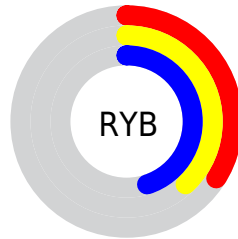
Distribution



Red (34%)

Green (41%)

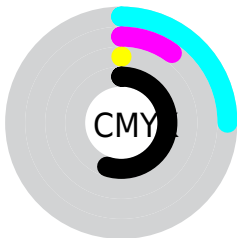
Blue (45%)



Red (34%)

Yellow (38%)

Blue (45%)

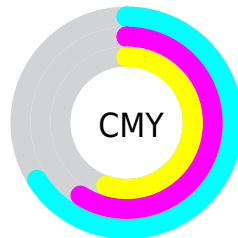


Cyan (25%)

Magenta (10%)

Yellow (0%)

Black (55%)



Cyan (66%)

Magenta (59%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 9.486, 248.737 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, 9.486, 248.737 by changing the saturation by 10% instead.

■ 43, 9.486, 248.737

■ 43, 9.486, 248.737

■ 100, 9.486,
248.737

■ 33, 9.486, 248.737

■ 63, 9.486, 248.737

■ 23, 9.486, 248.737

■ 73, 9.486, 248.737

■ 13, 9.486, 248.737

■ 83, 9.486, 248.737

■ 3, 9.486, 248.737

■ 93, 9.486, 248.737

■ 0, 9.486, 248.737

■ 43, 9.486, 248.737

■ 43, 9.486, 248.737

■ 41, 13.067,
250.448

■ 45, 5.773, 247.317

■ 39, 16.495,

■ 48, 1.954, 246.219

252.520

50, 1.947, 64.917

36, 19.750,
255.010

52, 5.908, 64.171

34, 22.827,
257.978

55, 9.910, 63.473

32, 25.742,
261.468

57, 13.937, 62.868

30, 28.536,
265.484

60, 17.976, 62.344

62, 22.017, 61.889

29, 31.290,
269.889

64, 26.050, 61.490

28, 32.719,
271.941

Harmonies

Complementary

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



43, 9.486, 248.737



43, 10.474, 63.027

Rectangle

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



43, 9.486, 248.737



43, 9.486, 298.737



43, 9.486, 68.737



43, 9.486, 118.737

Sweetspot

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



43, 9.486, 248.732



60, 3.839, 246.519



46, 15.700, 156.654



31, 2.746, 246.656



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, 9.486, 248.732



54, 13.961, 249.678



39, 16.018, 288.775



23, 2.201, 246.609



29, 34.182, 272.260



60, 60.613, 275.211

Inverse Universe

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



40, 15.830, 341.204



50, 23.539, 341.716



47, 15.338, 103.287



23, 3.556, 339.892



26, 50.778, 352.842



54, 85.298, 354.772

Previews

White Background



This preview shows how the CIELCh color 43, 9.486, 248.737 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, 9.486, 248.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

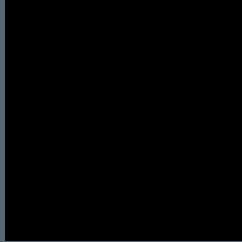
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

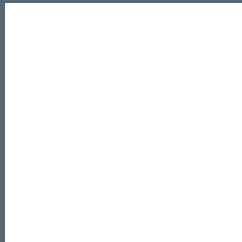
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 9.486, 248.737

Background



This preview shows how black text looks on a background with the CIELCh color 43, 9.486, 248.737.



This preview shows how white text looks on a background with the CIELCh color 43, 9.486, 248.737.

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

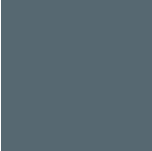
43, 9.486, 248.737

Protanopia

43, 7.850, 285.594

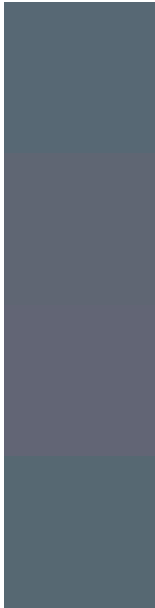
Deuteranopia

43, 11.060, 301.900



Tritanopia
43, 8.591, 238.085

Trichromacy



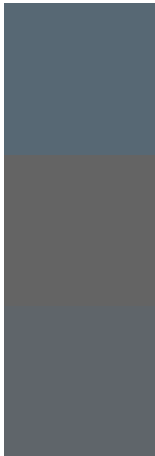
Original Color
43, 9.486, 248.737

Protanomaly
43, 8.210, 272.089

Deuteranomaly
43, 9.675, 284.705

Tritanomaly
43, 8.943, 241.340

Monochromacy



Original Color
43, 9.486, 248.737

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 3.816, 251.617

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 9.486, 248.737 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, 104, 116)` looks like.

```
.text, #text, p{  
    color:rgb(87, 104, 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(87, 104, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 104, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 9.486, 248.737 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, 104, 116) }
```

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

```
.border{ border-color:rgb(87, 104, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 104, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 104, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 104, 116);  
box-shadow:4px 4px 4px 4px rgb(87, 104,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 9.486, 248.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 104, 116) }
```

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

```
.background{ background-color: rgb(87, 104,  
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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