

Converting Colors

CIELCh(43, 7.273, 187.850)

Have a look what the booklet for
CIELCh(43, 7.273, 187.850) contains.

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Color

CIELCh(43, 7.285, 189.017)

Conversions

Conversions Part 1

Format	Color
Hex	576967
RGB	87, 105, 103
RGB Percent	34%, 41%, 40%
CMY	0.6581, 0.5875, 0.5954
CMYK	0.17, 0.00, 0.02, 0.59
HSL	173°, 9%, 38%
HSV	173°, 17%, 41%
XYZ	11.4743, 13.1578, 14.8144
YIQ	99.3900, -10.0860, -4.4380

Conversions

Conversions Part 2

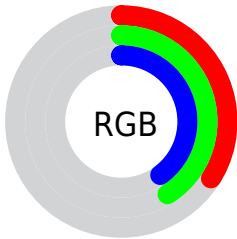
Format	Color
R_{YB}	87, 97, 105
Decimal	5728615
CIE Lab	43.00, -7.19, -1.14
CIE LCh	43, 7.285, 189.017
Yxy	13.1578, 0.2909, 0.3336
Android (android.graphics.Color)	4283918695 (0xFF576967)
YUV	99.3900, 1.7797, -10.8660
Hunter-Lab	36.2736, -7.0144, 1.1771

Details

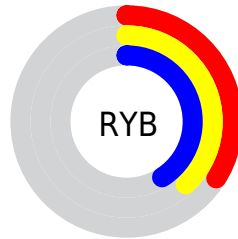
The CIELCh color **43, 7.285, 189.017** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 7.908, 11.660**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 7.211, 189.854**, and **23, 7.458, 187.710** is the 20% darker color. If you saturate the color by 10%, you get **42, 11.273, 188.231**, and if you desaturate by 10%, it is **44, 3.085, 189.821**.

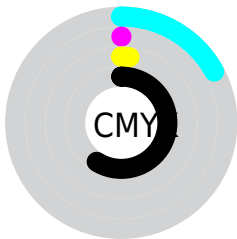
Distribution



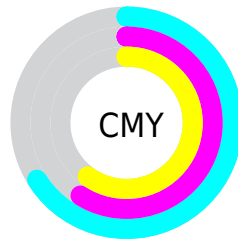
- Red (34%)
- Green (41%)
- Blue (40%)



- Red (34%)
- Yellow (38%)
- Blue (41%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (59%)



- Cyan (66%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 7.285, 189.017 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, 7.285, 189.017 by changing the saturation by 10% instead.

■ 43, 7.285, 189.017

■ 43, 7.285, 189.017

■ 100, 7.285,
189.017

■ 33, 7.285, 189.017

■ 63, 7.285, 189.017

■ 23, 7.285, 189.017

■ 73, 7.285, 189.017

■ 13, 7.285, 189.017

■ 83, 7.285, 189.017

■ 3, 7.285, 189.017

■ 93, 7.285, 189.017

■ 0, 7.285, 189.017

■ 43, 7.285, 189.017

■ 43, 7.285, 189.017

■ 42, 11.273,
188.231

■ 44, 3.085, 189.821

■ 42, 14.983,

■ 45, 1.270, 10.187

187.443

46, 5.728, 11.117

41, 18.351,
186.633

47, 10.247, 11.858

41, 21.317,
185.790

48, 14.790, 12.572

49, 19.331, 13.270

40, 23.829,
184.903

51, 23.847, 13.952

40, 25.855,
183.956

52, 28.324, 14.620

53, 32.749, 15.272

40, 27.386,
182.933

40, 28.552,
181.860

39, 28.885,
181.564

Harmonies

Complementary

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



43, 7.285, 189.017



39, 7.908, 11.660

Rectangle

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



43, 7.285, 189.017



43, 7.285, 239.017



43, 7.285, 9.017



43, 7.285, 59.017

Sweetspot

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



43, 7.286, 189.010



57, 2.712, 190.009



43, 12.769, 140.396



29, 1.835, 189.958



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 7.286, 189.010



55, 11.040, 188.661



41, 5.972, 243.750



22, 2.465, 189.661



44, 31.257, 181.400



87, 54.178, 180.613

Inverse Universe

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



39, 7.908, 11.660



49, 12.262, 12.132



41, 6.418, 60.281



21, 2.571, 10.872



23, 54.100, 32.930



51, 96.402, 36.069

Previews

White Background



This preview shows how the CIELCh color 43, 7.285, 189.017 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, 7.285, 189.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

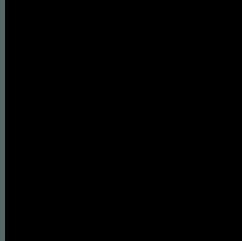
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

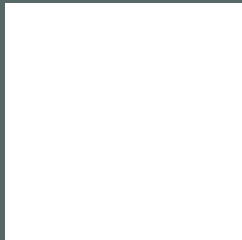
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 7.285, 189.017

Background



This preview shows how black text looks on a background with the CIELCh color 43, 7.285, 189.017.



This preview shows how white text looks on a background with the CIELCh color 43, 7.285, 189.017.

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

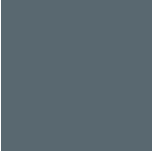
43, 7.285, 189.017

Protanopia

43, 0.831, 19.106

Deuteranopia

43, 6.535, 340.178



Tritanopia
43, 7.407, 239.591

Trichromacy



Original Color
43, 7.285, 189.017

Protanomaly
43, 2.533, 185.485

Deuteranomaly
43, 1.861, 303.173

Tritanomaly
43, 6.835, 225.016

Monochromacy



Original Color
43, 7.285, 189.017

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 2.931, 187.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 7.285, 189.017 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, 103)` looks like.

```
.text, #text, p{  
    color:rgb(87, 105, 103)  
}
```

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, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 105, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 7.285, 189.017 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, 103) }
```

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

```
.border{ border-color:rgb(87, 105, 103) }
```

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, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 105, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 105, 103);  
box-shadow:4px 4px 4px 4px rgb(87, 105,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 7.285, 189.017 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, 103) }
```

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

```
.background{ background-color: rgb(87, 105,  
103) }
```

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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