

Converting Colors

CIELCh(43, 6.971, 199.184)

Have a look what the booklet for
CIELCh(43, 6.971, 199.184) contains.

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Color

CIELCh(43, 7.099, 198.596)

Conversions

Conversions Part 1

Format	Color
Hex	576969
RGB	87, 105, 105
RGB Percent	34%, 41%, 41%
CMY	0.6587, 0.5881, 0.5881
CMYK	0.17, 0.00, 0.00, 0.59
HSL	180°, 9%, 38%
HSV	180°, 17%, 41%
XYZ	11.5395, 13.1578, 15.3045
YIQ	99.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

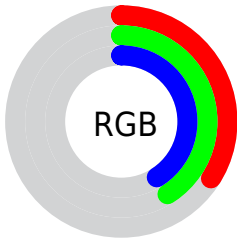
Format	Color
R_{YB}	87, 96, 105
Decimal	5728617
CIE Lab	43.00, -6.73, -2.26
CIE LCh	43, 7.099, 198.596
Yxy	13.1578, 0.2885, 0.3289
Android (android.graphics.Color)	4283918697 (0xFF576969)
YUV	99.6180, 2.6533, -11.0660
Hunter-Lab	36.2736, -6.6940, 0.3760

Details

The CIELCh color **43, 7.099, 198.596** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 7.879, 20.472**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 7.061, 198.827**, and **23, 7.198, 198.146** is the 20% darker color. If you saturate the color by 10%, you get **42, 10.901, 198.121**, and if you desaturate by 10%, it is **44, 3.032, 199.143**.

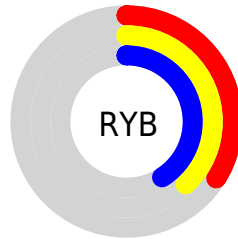
Distribution



Red (34%)

Green (41%)

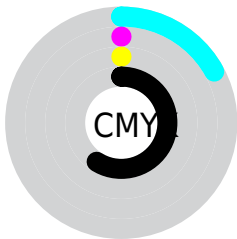
Blue (41%)



Red (34%)

Yellow (38%)

Blue (41%)

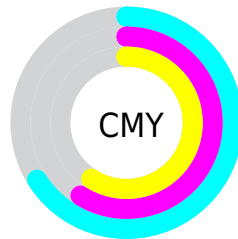


Cyan (17%)

Magenta (0%)

Yellow (0%)

Black (59%)



Cyan (66%)

Magenta (59%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 7.099, 198.596 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, 7.099, 198.596 by changing the saturation by 10% instead.

■ 43, 7.099, 198.596

■ 43, 7.099, 198.596

■ 100, 7.099,
198.596

■ 33, 7.099, 198.596

■ 63, 7.099, 198.596

■ 23, 7.099, 198.596

■ 73, 7.099, 198.596

■ 13, 7.099, 198.596

■ 83, 7.099, 198.596

■ 3, 7.099, 198.596

■ 93, 7.099, 198.596

■ 0, 7.099, 198.596

■ 43, 7.099, 198.596

■ 43, 7.099, 198.596

■ 42, 10.901,
198.121

■ 44, 3.032, 199.143

■ 42, 14.376,

■ 45, 1.241, 19.272

197.708

46, 5.667, 20.036

41, 17.464,
197.348

47, 10.200, 20.629

41, 20.111,
197.045

48, 14.801, 21.219

40, 22.276,
196.801

49, 19.437, 21.812

40, 23.937,
196.615

52, 28.719, 22.997

40, 25.096,
196.486

53, 33.331, 23.583

40, 25.887,
196.398

40, 26.108,
196.373

Harmonies

Complementary

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



43, 7.099, 198.596



39, 7.879, 20.472

Rectangle

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



43, 7.099, 198.596



43, 7.099, 248.596



43, 7.099, 18.596



43, 7.099, 68.596

Sweetspot

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



43, 7.100, 198.588



57, 2.664, 199.288



43, 13.192, 143.030



29, 1.802, 199.248



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, 7.100, 198.588



55, 10.724, 198.373



40, 6.356, 255.819



22, 2.415, 199.027



44, 28.238, 196.373



88, 48.592, 196.372

Inverse Universe

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



39, 7.879, 20.472



49, 12.257, 20.855



41, 6.653, 71.622



21, 2.547, 19.844



23, 56.950, 37.574



51, 101.388, 39.998

Previews

White Background



This preview shows how the CIELCh color 43, 7.099, 198.596 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, 7.099, 198.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

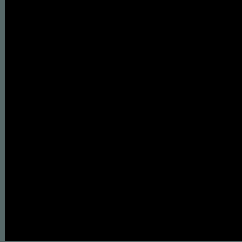
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 7.099, 198.596

Background



This preview shows how black text looks on a background with the CIELCh color 43, 7.099, 198.596.



This preview shows how white text looks on a background with the CIELCh color 43, 7.099, 198.596.

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

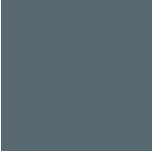
43, 7.099, 198.596

Protanopia

43, 1.471, 324.434

Deuteranopia

43, 6.640, 333.808



Tritanopia
43, 7.689, 237.786

Trichromacy



Original Color

43, 7.099, 198.596

Protanomaly

43, 2.340, 230.342

Deuteranomaly

43, 3.013, 290.629

Tritanomaly

43, 6.835, 225.016

Monochromacy



Original Color

43, 7.099, 198.596

Achromatopsia

42, 0.006, 296.813

Achromatomaly

43, 2.847, 199.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 7.099, 198.596 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, 105)` looks like.

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

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, 105) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 43, 7.099, 198.596 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, 105) }
```

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

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

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, 105)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 43, 7.099, 198.596 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, 105) }
```

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

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

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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