

Converting Colors

CIELCh(43, 8.064, 198.463)

Have a look what the booklet for
CIELCh(43, 8.064, 198.463) contains.

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Color

CIELCh(43, 7.845, 198.503)

Conversions

Conversions Part 1

Format	Color
Hex	556969
RGB	85, 105, 105
RGB Percent	33%, 41%, 41%
CMY	0.6652, 0.5867, 0.5867
CMYK	0.19, 0.00, 0.00, 0.59
HSL	180°, 10%, 37%
HSV	180°, 19%, 41%
XYZ	11.4403, 13.1578, 15.4044
YIQ	99.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

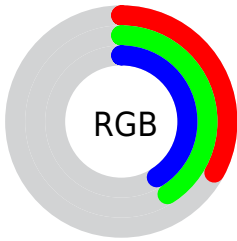
Format	Color
R_{YB}	85, 95, 105
Decimal	5597545
CIE _{Lab}	43.00, -7.44, -2.49
CIE _{LCh}	43, 7.845, 198.503
Yxy	13.1578, 0.2860, 0.3289
Android (android.graphics.Color)	4283787625 (0xFF556969)
YUV	99.0200, 2.9481, -12.2955
Hunter-Lab	36.2736, -7.1819, 0.2127

Details

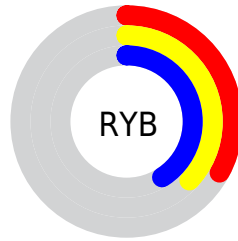
The CIELCh color **43, 7.845, 198.503** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38, 8.813, 20.626**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 7.778, 198.756**, and **23, 7.958, 198.010** is the 20% darker color. If you saturate the color by 10%, you get **42, 11.602, 198.039**, and if you desaturate by 10%, it is **44, 3.812, 199.026**.

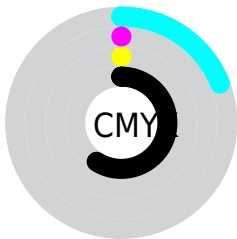
Distribution



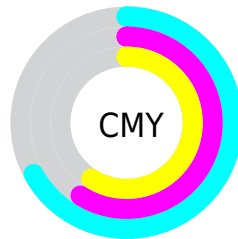
- Red (33%)
- Green (41%)
- Blue (41%)



- Red (33%)
- Yellow (37%)
- Blue (41%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (59%)



- Cyan (67%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 7.845, 198.503 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, 7.845, 198.503 by changing the saturation by 10% instead.

■ 43, 7.845, 198.503

■ 43, 7.845, 198.503

■ 100, 7.845,
198.503

■ 33, 7.845, 198.503

■ 63, 7.845, 198.503

■ 23, 7.845, 198.503

■ 73, 7.845, 198.503

■ 13, 7.845, 198.503

■ 83, 7.845, 198.503

■ 3, 7.845, 198.503

■ 93, 7.845, 198.503

■ 0, 7.845, 198.503

■ 43, 7.845, 198.503

■ 43, 7.845, 198.503

■ 42, 11.602,
198.039

■ 44, 3.812, 199.026

■ 42, 15.018,

■ 45, 0.439, 18.663

197.636

46, 4.853, 19.922

41, 18.036,
197.286

47, 9.382, 20.520

41, 20.603,
196.994

48, 13.985, 21.110

40, 22.680,
196.760

49, 18.629, 21.702

40, 24.250,
196.585

52, 27.940, 22.889

40, 25.320,
196.466

53, 32.570, 23.476

40, 26.091,
196.380

40, 26.170,
196.372

Harmonies

Complementary

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



43, 7.845, 198.503



38, 8.813, 20.626

Rectangle

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



43, 7.845, 198.503



43, 7.845, 248.503



43, 7.845, 18.503



43, 7.845, 68.503

Sweetspot

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



43, 7.845, 198.496



57, 3.190, 199.209



42, 14.663, 142.906



29, 2.098, 199.179



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, 7.845, 198.496



55, 11.671, 198.276



40, 7.052, 256.092



22, 2.415, 199.026



44, 28.239, 196.372



88, 48.593, 196.371

Inverse Universe

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



38, 8.813, 20.626



48, 13.525, 21.044



41, 7.423, 71.413



21, 2.547, 19.843



23, 56.950, 37.574



51, 101.387, 39.997

Previews

White Background



This preview shows how the CIELCh color 43, 7.845, 198.503 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, 7.845, 198.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

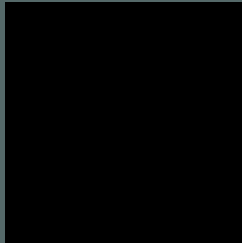
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

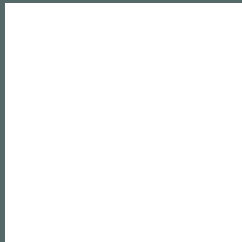
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 7.845, 198.503

Background



This preview shows how black text looks on a background with the CIELCh color 43, 7.845, 198.503.



This preview shows how white text looks on a background with the CIELCh color 43, 7.845, 198.503.

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

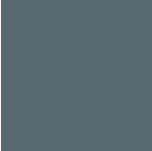
43, 7.845, 198.503

Protanopia

43, 1.471, 324.434

Deuteranopia

43, 7.084, 330.457



Tritanopia
43, 8.315, 239.679

Trichromacy



Original Color
43, 7.845, 198.503

Protanomaly
43, 2.496, 213.211

Deuteranomaly
43, 3.034, 282.963

Tritanomaly
43, 7.829, 221.343

Monochromacy



Original Color
43, 7.845, 198.503

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 2.852, 199.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 7.845, 198.503 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(85, 105, 105)` looks like.

```
.text, #text, p{  
    color:rgb(85, 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(85, 105, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 105, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 7.845, 198.503 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(85, 105, 105) }
```

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

```
.border{ border-color:rgb(85, 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(85, 105, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 105, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 105, 105);  
box-shadow:4px 4px 4px 4px rgb(85, 105,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 7.845, 198.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 105, 105) }
```

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

```
.background{ background-color: rgb(85, 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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