

Converting Colors

CIELCh(43, 10.498, 202.167)

Have a look what the booklet for
CIELCh(43, 10.498, 202.167)
contains.

CIELCh(43, 10.658, 201.443)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 10.658, 201.443)

Conversions

Conversions Part 1

Format	Color
Hex	4F6B6C
RGB	79, 107, 108
RGB Percent	31%, 42%, 42%
CMY	0.6916, 0.5819, 0.5780
CMYK	0.27, 0.01, 0.00, 0.58
HSL	182°, 16%, 37%
HSV	182°, 27%, 42%
XYZ	11.0989, 13.1578, 16.0367
YIQ	98.7420, -17.0090, -5.6250

Conversions

Conversions Part 2

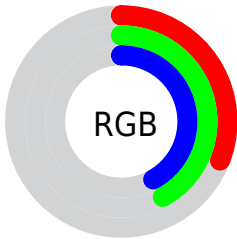
Format	Color
R_{YB}	79, 93, 108
Decimal	5204844
CIE Lab	43.00, -9.92, -3.90
CIE LCh	43, 10.658, 201.443
Yxy	13.1578, 0.2755, 0.3265
Android (android.graphics.Color)	4283394924 (0xFF4F6B6C)
YUV	98.7420, 4.5642, -17.3137
Hunter-Lab	36.2736, -8.8621, -0.8207

Details

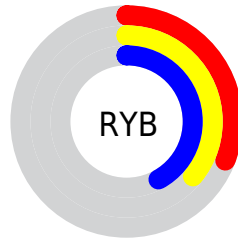
The CIELCh color **43, 10.658, 201.443** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **37, 12.680, 24.023**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 10.535, 201.569**, and **23, 10.667, 201.208** is the 20% darker color. If you saturate the color by 10%, you get **42, 14.078, 201.178**, and if you desaturate by 10%, it is **44, 6.913, 201.774**.

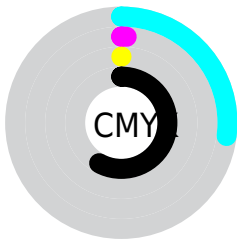
Distribution



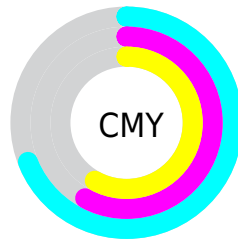
- Red (31%)
- Green (42%)
- Blue (42%)



- Red (31%)
- Yellow (36%)
- Blue (42%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (58%)




- Cyan (69%)
- Magenta (58%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 10.658, 201.443 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, 10.658, 201.443 by changing the saturation by 10% instead.

 43, 10.658,
201.443


 43, 10.658,
201.443


 100, 10.658,
201.443


 33, 10.658,
201.443

 63, 10.658,
201.443


 23, 10.658,
201.443

 73, 10.658,
201.443

 13, 10.658,
201.443


 83, 10.658,
201.443

 3, 10.658, 201.443

 93, 10.658,
201.443

 0, 10.658, 201.443

 43, 10.658,

 43, 10.658,

201.443

■ 42, 14.078,
201.178

■ 42, 17.112,
200.998

■ 41, 19.704,
200.907

■ 41, 21.810,
200.915

■ 40, 23.406,
201.032

■ 40, 24.489,
201.265

■ 40, 25.182,
201.589

■ 40, 25.387,
201.687

201.443

■ 44, 6.913, 201.774

■ 45, 2.904, 202.216

■ 46, 1.311, 22.240

■ 47, 5.681, 22.898

■ 48, 10.160, 23.401

■ 49, 14.712, 23.906

■ 51, 19.305, 24.418

■ 52, 23.915, 24.934

■ 53, 28.524, 25.451

Harmonies

Complementary

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



43, 10.658, 201.443



37, 12.680, 24.023

Rectangle

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



43, 10.658, 201.443



43, 10.658, 251.443



43, 10.658, 21.443



43, 10.658, 71.443

Sweetspot

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



43, 10.658, 201.438



57, 4.151, 202.147



43, 20.822, 143.621



30, 2.964, 202.086



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 10.658, 201.438



55, 15.401, 201.274



39, 10.622, 262.826



22, 2.333, 202.110



43, 26.979, 201.740



85, 46.309, 202.073

Inverse Universe

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



37, 20.817, 326.778



47, 30.675, 327.086



41, 11.219, 75.695



21, 4.305, 325.818



27, 63.448, 329.593



58, 109.013, 329.676

Previews

White Background



This preview shows how the CIE LCh color 43, 10.658, 201.443 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, 10.658, 201.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

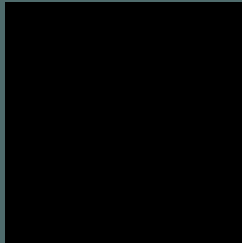
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

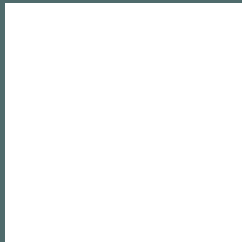
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 10.658, 201.443

Background



This preview shows how black text looks on a background with the CIELCh color 43, 10.658, 201.443.



This preview shows how white text looks on a background with the CIELCh color 43, 10.658, 201.443.

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, 10.658, 201.443

Protanopia

43, 1.861, 303.173

Deuteranopia

43, 7.610, 319.761



Tritanopia
43, 10.647, 225.457

Trichromacy



Original Color
43, 10.658, 201.443

Protanomaly
43, 3.782, 217.677

Deuteranomaly
43, 4.481, 269.935

Tritanomaly
43, 10.286, 219.042

Monochromacy



Original Color
43, 10.658, 201.443

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.046, 198.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 10.658, 201.443 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(79, 107, 108)` looks like.

```
.text, #text, p{  
    color:rgb(79, 107, 108)  
}
```

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(79, 107, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 107, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 10.658, 201.443 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(79, 107, 108) }
```

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

```
.border{ border-color:rgb(79, 107, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 107, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 107, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 107, 108);  
box-shadow:4px 4px 4px 4px rgb(79, 107,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 10.658, 201.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 107, 108) }
```

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

```
.background{ background-color: rgb(79, 107,  
108) }
```

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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