

Converting Colors

CIELCh(43, 10.746, 249.936)

Have a look what the booklet for
CIELCh(43, 10.746, 249.936)
contains.

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Color

CIELCh(43, 10.789, 250.535)

Conversions

Conversions Part 1

Format	Color
Hex	556876
RGB	85, 104, 118
RGB Percent	33%, 41%, 46%
CMY	0.6664, 0.5919, 0.5370
CMYK	0.28, 0.12, 0.00, 0.54
HSL	205°, 16%, 40%
HSV	205°, 28%, 46%
XYZ	11.9831, 13.1578, 19.0686
YIQ	99.9150, -15.8180, 0.3260

Conversions

Conversions Part 2

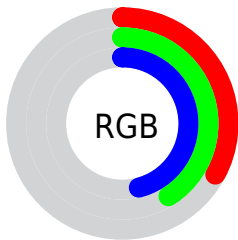
Format	Color
R_{YB}	85, 97, 118
Decimal	5597302
CIE _{Lab}	43.00, -3.60, -10.17
CIE _{LCh}	43, 10.789, 250.535
Yxy	13.1578, 0.2711, 0.2976
Android (android.graphics.Color)	4283787382 (0xFF556876)
YUV	99.9150, 8.9159, -13.0805
Hunter-Lab	36.2736, -4.5108, -5.7765

Details


The CIELCh color $43, 10.789, 250.535$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 12.016, 63.908$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 10.835, 250.012$, and $23, 11.020, 251.023$ is the 20% darker color. If you saturate the color by 10%, you get $41, 14.424, 252.377$, and if you desaturate by 10%, it is $45, 7.021, 249.001$.

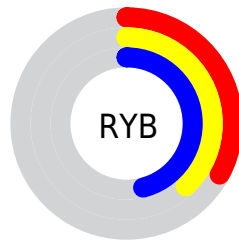
Distribution



 Red (33%)

 Green (41%)

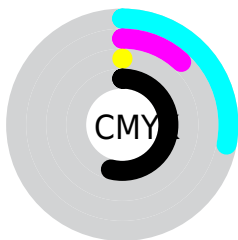
 Blue (46%)




 Red (33%)

 Yellow (38%)

 Blue (46%)

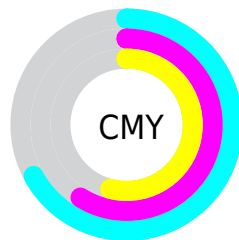


 Cyan (28%)

 Magenta (12%)

 Yellow (0%)

 Black (54%)



 Cyan (67%)


 Magenta (59%)


 Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 10.789, 250.535 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, 10.789, 250.535 by changing the saturation by 10% instead.


 43, 10.789,
250.535


 43, 10.789,
250.535


 100, 10.789,
250.535


 33, 10.789,
250.535

 63, 10.789,
250.535


 23, 10.789,
250.535

 73, 10.789,
250.535

 13, 10.789,
250.535

 83, 10.789,
250.535

 3, 10.789, 250.535

 93, 10.789,
250.535

 0, 10.789, 250.535

 43, 10.789,

 43, 10.789,

250.535

■ 41, 14.424,
252.377

■ 38, 17.907,
254.597

■ 36, 21.224,
257.254

■ 34, 24.378,
260.401

■ 32, 27.391,
264.070

■ 30, 30.315,
268.241

■ 28, 33.266,
272.608

■ 28, 33.895,
273.434

250.535

■ 45, 7.021, 249.001

■ 48, 3.146, 247.762

■ 50, 0.812, 66.231

■ 53, 4.833, 65.615

■ 55, 8.896, 64.867

■ 58, 12.985, 64.214

■ 60, 17.087, 63.647

■ 62, 21.191, 63.154

■ 65, 25.286, 62.721

Harmonies

Complementary

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



43, 10.789, 250.535



43, 12.016, 63.908

Rectangle

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



43, 10.789, 250.535



43, 10.789, 300.535



43, 10.789, 70.535



43, 10.789, 120.535

Sweetspot

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



43, 10.788, 250.531



61, 3.913, 247.789



47, 17.565, 157.133



31, 2.760, 247.927



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, 10.788, 250.531



53, 16.058, 251.766



38, 18.614, 289.963



23, 2.212, 247.880



29, 34.890, 273.640



59, 61.953, 276.562

Inverse Universe

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



40, 17.851, 341.999



49, 26.861, 342.648



48, 17.671, 103.818



23, 3.530, 340.402



26, 50.556, 353.720



54, 84.958, 355.724

Previews

White Background



This preview shows how the CIELCh color 43, 10.789, 250.535 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, 10.789, 250.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

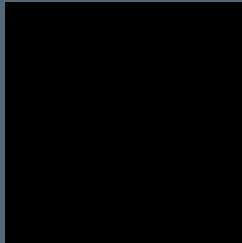
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

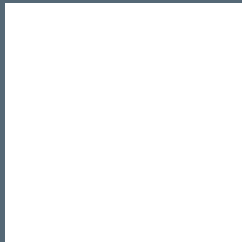
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 10.789, 250.535

Background



This preview shows how black text looks on a background with the CIELCh color 43, 10.789, 250.535.

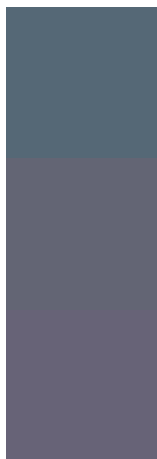


This preview shows how white text looks on a background with the CIELCh color 43, 10.789, 250.535.

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, 10.789, 250.535

Protanopia

43, 9.046, 286.562

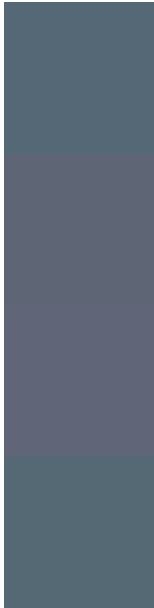
Deuteranopia

43, 12.187, 299.193



Tritanopia
43, 9.147, 230.547

Trichromacy



Original Color
43, 10.789, 250.535

Protanomaly
43, 9.449, 272.614

Deuteranomaly
43, 10.956, 281.745

Tritanomaly
43, 9.740, 237.031

Monochromacy



Original Color
43, 10.789, 250.535

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.295, 256.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 10.789, 250.535 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, 104, 118)` looks like.

```
.text, #text, p{  
    color:rgb(85, 104, 118)  
}
```

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, 104, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 104, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 10.789, 250.535 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, 104, 118) }
```

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

```
.border{ border-color:rgb(85, 104, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 104, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 104, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 104, 118);  
box-shadow:4px 4px 4px 4px rgb(85, 104,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 10.789, 250.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 104, 118) }
```

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

```
.background{ background-color: rgb(85, 104,  
118) }
```

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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