

Converting Colors

CIELCh(43, 15.894, 273.670)

Have a look what the booklet for
CIELCh(43, 15.894, 273.670)
contains.

CIELCh(43, 16.253, 274.451)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(43, 16.253, 274.451)

Conversions

Conversions Part 1

Format	Color
Hex	586680
RGB	88, 102, 128
RGB Percent	35%, 40%, 50%
CMY	0.6546, 0.5997, 0.4977
CMYK	0.31, 0.20, 0.00, 0.50
HSL	219°, 19%, 42%
HSV	219°, 31%, 50%
XYZ	12.6931, 13.1578, 22.3214
YIQ	100.7780, -16.6900, 5.1180

Conversions

Conversions Part 2

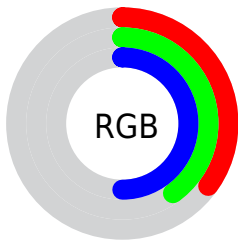
Format	Color
R_{YB}	88, 98, 128
Decimal	5793408
CIE _{Lab}	43.00, 1.26, -16.20
CIE _{LCh}	43, 16.253, 274.451
Yxy	13.1578, 0.2635, 0.2731
Android (android.graphics.Color)	4283983488 (0xFF586680)
YUV	100.7780, 13.4204, -11.2063
Hunter-Lab	36.2736, -1.0172, -11.0933

Details

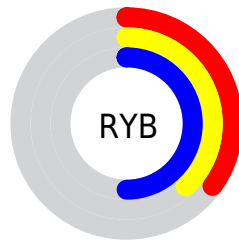
The CIELCh color $43, 16.253, 274.451$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 16.465, 85.881$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 16.256, 274.478$, and $23, 16.557, 275.903$ is the 20% darker color. If you saturate the color by 10%, you get $40, 21.601, 276.470$, and if you desaturate by 10%, it is $46, 10.977, 272.716$.

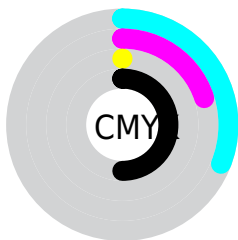
Distribution



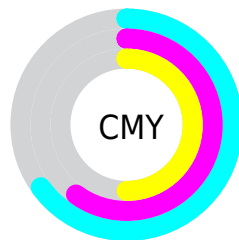
- Red (35%)
- Green (40%)
- Blue (50%)



- Red (35%)
- Yellow (38%)
- Blue (50%)



- Cyan (31%)
- Magenta (20%)
- Yellow (0%)
- Black (50%)





- Cyan (65%)
- Magenta (60%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 16.253, 274.451 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, 16.253, 274.451 by changing the saturation by 10% instead.


 43, 16.253,
274.451


 43, 16.253,
274.451


 100, 16.253,
274.451


 33, 16.253,
274.451

 63, 16.253,
274.451


 23, 16.253,
274.451

 73, 16.253,
274.451

 13, 16.253,
274.451

 83, 16.253,
274.451

 3, 16.253, 274.451

 93, 16.253,
274.451

 0, 16.253, 274.451

 43, 16.253,

 43, 16.253,

274.451

274.451

■ 40, 21.601,
276.470

■ 46, 10.977,
272.716

■ 36, 27.033,
278.816

■ 50, 5.771, 271.236

■ 33, 32.569,
281.515

■ 53, 0.634, 270.203

■ 57, 4.434, 88.756

■ 30, 38.232,
284.568

■ 60, 9.430, 87.804

■ 27, 44.044,
287.930

■ 63, 14.353, 86.956

■ 67, 19.199, 86.204

■ 24, 49.995,
291.492

■ 70, 23.970, 85.536

■ 22, 55.300,
294.440

■ 73, 28.662, 84.938

Harmonies

Complementary

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



43, 16.253, 274.451



49, 16.465, 85.881

Rectangle

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



43, 16.253, 274.451



43, 16.253, 324.451



43, 16.253, 94.451



43, 16.253, 144.451

Sweetspot

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



43, 16.252, 274.449



64, 5.704, 270.967



50, 17.471, 169.628



33, 3.997, 271.133



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 16.252, 274.449



53, 23.877, 275.752



39, 24.635, 298.815



25, 2.882, 270.952



22, 55.091, 294.422



0, 0.000, 0.000

Inverse Universe

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



42, 18.797, 355.818



51, 27.642, 356.721



52, 22.977, 113.816



25, 3.273, 353.342



26, 51.076, 14.571



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 16.253, 274.451 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, 16.253, 274.451 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

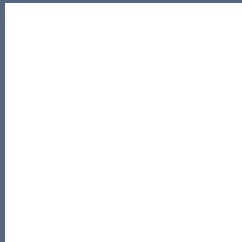
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 16.253, 274.451

Background



This preview shows how black text looks on a background with the CIELCh color 43, 16.253, 274.451.

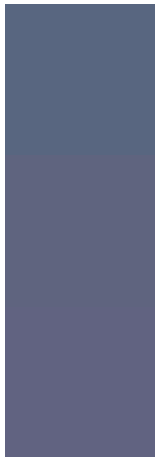


This preview shows how white text looks on a background with the CIELCh color 43, 16.253, 274.451.

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

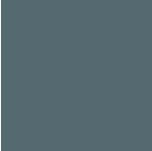
43, 16.253, 274.451

Protanopia

43, 16.319, 286.067

Deuteranopia

43, 18.083, 290.452



Tritanopia
43, 8.848, 231.786

Trichromacy



Original Color
43, 16.253, 274.451

Protanomaly
43, 15.889, 280.538

Deuteranomaly
43, 17.541, 285.565

Tritanomaly
43, 10.575, 252.032

Monochromacy



Original Color
43, 16.253, 274.451

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 6.297, 272.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 16.253, 274.451 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(88, 102, 128)` looks like.

```
.text, #text, p{  
    color:rgb(88, 102, 128)  
}
```

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(88, 102, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 102, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 16.253, 274.451 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(88, 102, 128) }
```

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

```
.border{ border-color:rgb(88, 102, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 102, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 102, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 102, 128);  
box-shadow:4px 4px 4px 4px rgb(88, 102,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 16.253, 274.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 102, 128) }
```

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

```
.background{ background-color: rgb(88, 102,  
128) }
```

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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