

Converting Colors

CIELCh(43, 8.307, 180.022)

Have a look what the booklet for
CIELCh(43, 8.307, 180.022) contains.

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Color

CIELCh(43, 8.603, 177.890)

Conversions

Conversions Part 1

Format	Color
Hex	566A65
RGB	86, 106, 101
RGB Percent	34%, 42%, 40%
CMY	0.6637, 0.5853, 0.6049
CMYK	0.19, 0.00, 0.05, 0.59
HSL	165°, 10%, 38%
HSV	165°, 19%, 41%
XYZ	11.2801, 13.1578, 14.1932
YIQ	99.4500, -10.3150, -5.7950

Conversions

Conversions Part 2

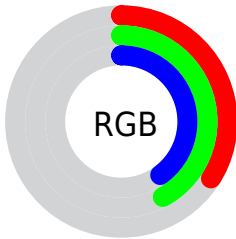
Format	Color
R_{YB}	86, 97, 106
Decimal	5663333
CIE _{Lab}	43.00, -8.60, 0.32
CIE _{LCh}	43, 8.603, 177.890
Yxy	13.1578, 0.2920, 0.3406
Android (android.graphics.Color)	4283853413 (0xFF566A65)
YUV	99.4500, 0.7642, -11.7956
Hunter-Lab	36.2736, -7.9702, 2.1925

Details

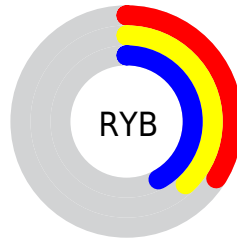
The CIELCh color **43, 8.603, 177.890** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 9.144, 1.289**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 8.412, 179.238**, and **23, 8.953, 175.887** is the 20% darker color. If you saturate the color by 10%, you get **42, 12.950, 176.913**, and if you desaturate by 10%, it is **44, 4.098, 178.828**.

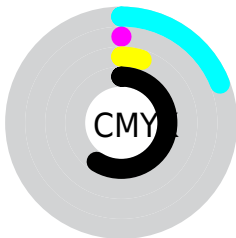
Distribution



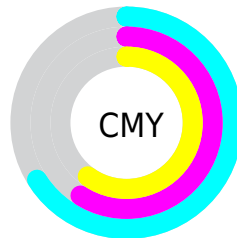
- Red (34%)
- Green (42%)
- Blue (40%)



- Red (34%)
- Yellow (38%)
- Blue (42%)



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)
- Black (59%)



- Cyan (66%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 8.603, 177.890 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, 8.603, 177.890 by changing the saturation by 10% instead.

■ 43, 8.603, 177.890

■ 43, 8.603, 177.890

■ 100, 8.603,
177.890

■ 33, 8.603, 177.890

■ 63, 8.603, 177.890

■ 23, 8.603, 177.890

■ 73, 8.603, 177.890

■ 13, 8.603, 177.890

■ 83, 8.603, 177.890

■ 3, 8.603, 177.890

■ 93, 8.603, 177.890

■ 0, 8.603, 177.890

■ 43, 8.603, 177.890

■ 43, 8.603, 177.890

■ 42, 12.950,
176.913

■ 44, 4.098, 178.828

■ 42, 17.070,

■ 45, 0.510, 358.996

175.877

46, 5.168, 0.359

41, 20.896,
174.759

47, 9.836, 1.165

40, 24.359,
173.540

48, 14.481, 1.922

40, 27.404,
172.199

49, 19.079, 2.646

40, 29.990,
170.715

52, 28.070, 4.014

54, 32.442, 4.662

39, 32.105,
169.072

39, 33.940,
167.389

39, 34.143,
167.216

Harmonies

Complementary

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



43, 8.603, 177.890



39, 9.144, 1.289

Rectangle

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



43, 8.603, 177.890



43, 8.603, 227.890



43, 8.603, 357.890



43, 8.603, 47.890

Sweetspot

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



43, 8.604, 177.885



57, 3.435, 179.100



43, 13.529, 135.968



29, 2.261, 179.056



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, 8.604, 177.885



55, 12.911, 177.432



42, 6.560, 224.376



22, 2.612, 178.821



44, 36.883, 166.961



86, 64.630, 165.684

Inverse Universe

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



39, 9.144, 1.289



48, 13.945, 1.832



40, 7.340, 42.808



21, 2.688, 0.243



23, 49.925, 22.960



52, 88.022, 26.563

Previews

White Background



This preview shows how the CIELCh color 43, 8.603, 177.890 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, 8.603, 177.890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

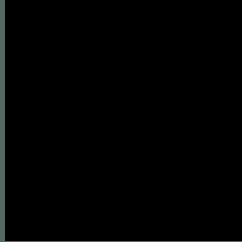
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

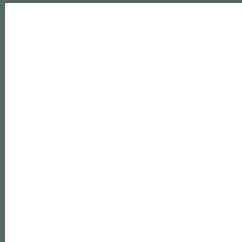
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 8.603, 177.890

Background



This preview shows how black text looks on a background with the CIELCh color 43, 8.603, 177.890.



This preview shows how white text looks on a background with the CIELCh color 43, 8.603, 177.890.

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

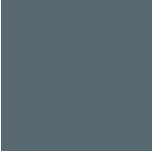
43, 8.603, 177.890

Protanopia

43, 2.186, 74.660

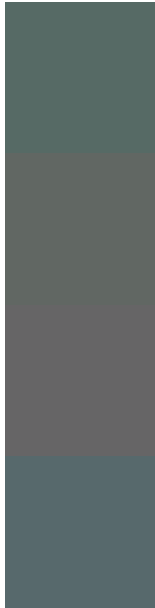
Deuteranopia

43, 5.962, 356.442



Tritanopia
43, 7.689, 237.786

Trichromacy



Original Color
43, 8.603, 177.890

Protanomaly
43, 3.474, 155.342

Deuteranomaly
43, 0.739, 324.279

Tritanomaly
43, 7.191, 213.245

Monochromacy



Original Color
43, 8.603, 177.890

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 2.936, 187.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 8.603, 177.890 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(86, 106, 101)` looks like.

```
.text, #text, p{  
    color:rgb(86, 106, 101)  
}
```

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(86, 106, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 106, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 8.603, 177.890 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(86, 106, 101) }
```

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

```
.border{ border-color:rgb(86, 106, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 106, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 106, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 106, 101);  
box-shadow:4px 4px 4px 4px rgb(86, 106,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 8.603, 177.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 106, 101) }
```

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

```
.background{ background-color: rgb(86, 106,  
101) }
```

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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