

Converting Colors

CIELCh(43, 10.033, 82.613)

Have a look what the booklet for
CIELCh(43, 10.033, 82.613) contains.

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Color

CIELCh(43, 10.038, 82.632)

Conversions

Conversions Part 1

Format	Color
Hex	6E6455
RGB	110, 100, 85
RGB Percent	43%, 39%, 33%
CMY	0.5676, 0.6068, 0.6657
CMYK	0.00, 0.09, 0.23, 0.57
HSL	36°, 13%, 38%
HSV	36°, 23%, 43%
XYZ	12.6969, 13.1578, 10.5186
YIQ	101.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

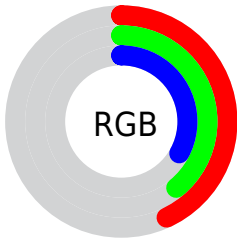
Format	Color
RYB	102, 110, 85
Decimal	7234645
CIELab	43.00, 1.29, 9.96
CIELCh	43, 10.038, 82.632
Yxy	13.1578, 0.3491, 0.3617
Android (android.graphics.Color)	4285424725 (0xFF6E6455)
YUV	101.2800, -8.0260, 7.6474
Hunter-Lab	36.2736, -0.9981, 8.1987

Details

The CIELCh color $43, 10.038, 82.632$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40, 9.806, 268.601$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 9.965, 82.622$, and $23, 9.816, 80.539$ is the 20% darker color. If you saturate the color by 10%, you get $41, 14.673, 81.371$, and if you desaturate by 10%, it is $45, 5.531, 83.868$.

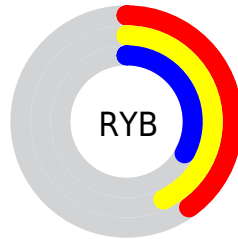
Distribution



Red (43%)

Green (39%)

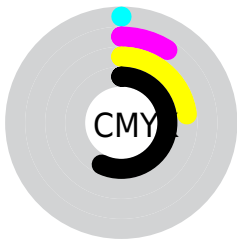
Blue (33%)



Red (40%)

Yellow (43%)

Blue (33%)

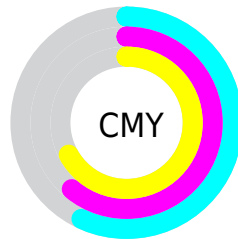


Cyan (0%)

Magenta (9%)

Yellow (23%)

Black (57%)



Cyan (57%)













Magenta (61%)







Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 10.038, 82.632 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, 10.038, 82.632 by changing the saturation by 10% instead.

 43, 10.038, 82.632	 43, 10.038, 82.632
 100, 10.038, 82.632	 33, 10.038, 82.632
 63, 10.038, 82.632	 23, 10.038, 82.632
 73, 10.038, 82.632	 13, 10.038, 82.632
 83, 10.038, 82.632	 3, 10.038, 82.632
 93, 10.038, 82.632	 0, 10.038, 82.632

 43, 10.038, 82.632	 43, 10.038, 82.632
 41, 14.673, 81.371	 45, 5.531, 83.868
 40, 19.422, 80.067	 46, 1.150, 84.944

■ 39, 24.255, 78.727

■ 48, 3.111, 266.333

■ 37, 29.099, 77.336

■ 49, 7.259, 267.420

■ 36, 33.816, 75.860

■ 51, 11.305,
268.488

■ 35, 38.155, 74.221

■ 53, 15.257,
269.514

■ 33, 41.747, 72.294

■ 32, 44.546, 71.088

■ 54, 19.124,
270.494

■ 56, 22.915,
271.428

■ 58, 26.637,
272.317

Harmonies

Complementary

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



43, 10.038, 82.632



40, 9.806, 268.601

Rectangle

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



43, 10.038, 82.632



43, 10.038, 132.632



43, 10.038, 262.632



43, 10.038, 312.632

Sweetspot

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



43, 10.039, 82.641



58, 3.741, 84.509



39, 12.260, 351.491



29, 2.415, 84.469



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, 10.039, 82.641



54, 14.878, 82.007



46, 14.772, 112.359



23, 2.473, 84.300



35, 47.288, 70.764



70, 81.013, 68.727

Inverse Universe

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



40, 9.806, 268.601



50, 14.448, 269.457



37, 15.516, 296.140



22, 2.457, 266.601



22, 48.039, 290.812



47, 87.071, 293.171

Previews

White Background



This preview shows how the CIE LCh color 43, 10.038, 82.632 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, 10.038, 82.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

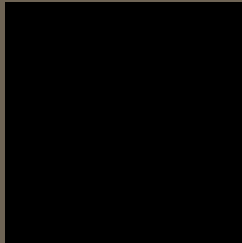
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 10.038, 82.632

Background



This preview shows how black text looks on a background with the CIELCh color 43, 10.038, 82.632.

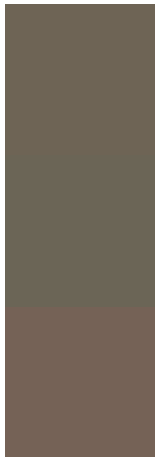


This preview shows how white text looks on a background with the CIELCh color 43, 10.038, 82.632.

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, 10.038, 82.632

Protanopia

43, 9.360, 92.466

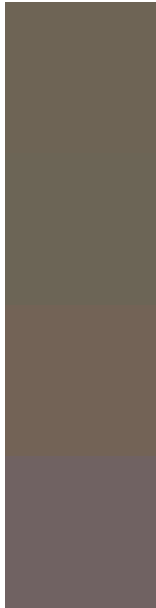
Deuteranopia

43, 11.182, 59.876



Tritanopia
43, 8.221, 344.763

Trichromacy



Original Color
43, 10.038, 82.632

Protanomaly
43, 9.496, 89.897

Deuteranomaly
43, 10.601, 66.865

Tritanomaly
43, 5.957, 20.122

Monochromacy



Original Color
43, 10.038, 82.632

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 3.433, 80.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 10.038, 82.632 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(110, 100, 85)` looks like.

```
.text, #text, p{  
    color:rgb(110, 100, 85)  
}
```

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(110, 100, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 100, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 10.038, 82.632 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(110, 100, 85) }
```

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

```
.border{ border-color:rgb(110, 100, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 100, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 100, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 100, 85);  
box-shadow:4px 4px 4px 4px rgb(110, 100,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 10.038, 82.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 100, 85) }
```

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

```
.background{ background-color: rgb(110,  
100, 85) }
```

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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