

Converting Colors

CIELCh(43, 28.889, 131.787)

Have a look what the booklet for
CIELCh(43, 28.889, 131.787)
contains.

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Color

CIELCh(43, 28.677, 131.885)

Conversions

Conversions Part 1

Format	Color
Hex	516D41
RGB	81, 109, 65
RGB Percent	32%, 43%, 25%
CMY	0.6811, 0.5712, 0.7439
CMYK	0.26, 0.00, 0.40, 0.57
HSL	98°, 25%, 34%
HSV	98°, 40%, 43%
XYZ	9.8888, 13.1578, 7.0668
YIQ	95.6120, -2.5640, -19.6200

Conversions

Conversions Part 2

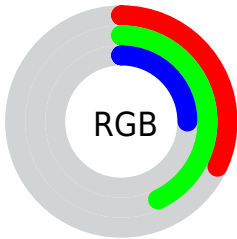
Format	Color
RYB	65, 109, 93
Decimal	5336385
CIELab	43.00, -19.15, 21.35
CIELCh	43, 28.677, 131.885
Yxy	13.1578, 0.3284, 0.4369
Android (android.graphics.Color)	4283526465 (0xFF516D41)
YUV	95.6120, -15.0917, -12.8147
Hunter-Lab	36.2736, -14.8168, 13.8407

Details

The CIELCh color $43, 28.677, 131.885$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $32, 29.740, 315.339$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 29.166, 131.975$, and $23, 28.485, 132.134$ is the 20% darker color. If you saturate the color by 10%, you get $42, 35.511, 131.410$, and if you desaturate by 10%, it is $44, 21.638, 132.372$.

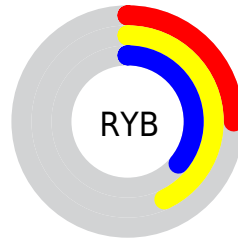
Distribution



Red (32%)

Green (43%)

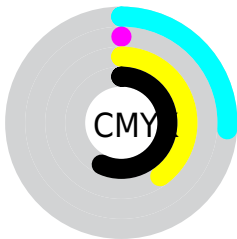
Blue (25%)



Red (25%)

Yellow (43%)

Blue (36%)

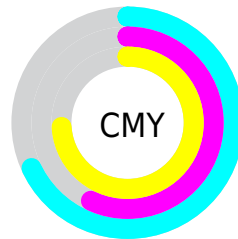


Cyan (26%)

Magenta (0%)

Yellow (40%)

Black (57%)



Cyan (68%)

Magenta (57%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 28.677, 131.885 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, 28.677, 131.885 by changing the saturation by 10% instead.


 43, 28.677,
131.885

 43, 28.677,
131.885


 100, 28.677,
131.885

 33, 28.677,
131.885

 63, 28.677,
131.885

 23, 28.677,
131.885

 73, 28.677,
131.885

 13, 28.677,
131.885

 83, 28.677,
131.885

 3, 28.677, 131.885

 93, 28.677,
131.885

 0, 28.677, 131.885

 43, 28.677,

 43, 28.677,

131.885

■ 42, 35.511,
131.410

■ 42, 41.990,
130.988

■ 41, 47.917,
130.689

■ 41, 53.039,
130.608

■ 41, 57.081,
130.858

■ 40, 60.392,
131.137

131.885

■ 44, 21.638,
132.372

■ 44, 14.494,
132.843

■ 45, 7.324, 133.287

■ 46, 0.183, 134.240

■ 47, 6.891, 314.016

■ 48, 13.868,
314.344

■ 49, 20.729,
314.630

■ 50, 27.460,
314.880

■ 51, 34.055,

Harmonies

Complementary

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



43, 28.677, 131.885



32, 29.740, 315.339

Rectangle

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



43, 28.677, 131.885



43, 28.677, 181.885



43, 28.677, 311.885



43, 28.677, 1.885

Sweetspot

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



43, 28.678, 131.886



58, 10.666, 133.197



40, 18.563, 83.353



29, 7.028, 133.159



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, 28.678, 131.886



55, 42.255, 131.454



42, 29.260, 145.318



22, 3.939, 133.344



43, 63.575, 131.254



86, 110.460, 132.093

Inverse Universe

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



32, 29.740, 315.339



39, 44.181, 315.698



34, 29.267, 330.602



20, 3.976, 314.015



19, 68.116, 315.847



44, 117.700, 315.247

Previews

White Background



This preview shows how the CIELCh color 43, 28.677, 131.885 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, 28.677, 131.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

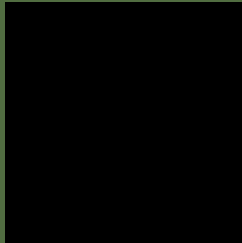
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 28.677, 131.885

Background



This preview shows how black text looks on a background with the CIELCh color 43, 28.677, 131.885.



This preview shows how white text looks on a background with the CIELCh color 43, 28.677, 131.885.

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](#).

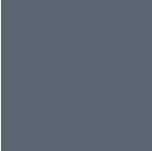
Dichromacy



Original Color
43, 28.677, 131.885

Protanopia
43, 23.592, 95.192

Deuteranopia
43, 20.917, 74.882



Tritanopia
43, 7.407, 239.591

Trichromacy



Original Color
43, 28.677, 131.885

Protanomaly
43, 24.194, 110.990

Deuteranomaly
43, 20.399, 99.302

Tritanomaly
43, 10.601, 159.584

Monochromacy



Original Color
43, 28.677, 131.885

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 10.573, 132.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 28.677, 131.885 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(81, 109, 65)` looks like.

```
.text, #text, p{  
    color:rgb(81, 109, 65)  
}
```

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(81, 109, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 109, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 28.677, 131.885 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(81, 109, 65) }
```

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

```
.border{ border-color:rgb(81, 109, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 109, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 109, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 109, 65);  
box-shadow:4px 4px 4px 4px rgb(81, 109,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 28.677, 131.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 109, 65) }
```

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

```
.background{ background-color: rgb(81, 109,  
65) }
```

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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