

Converting Colors

CIELCh(43, 28.982, 136.032)

Have a look what the booklet for
CIELCh(43, 28.982, 136.032)
contains.

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Color

CIELCh(43, 29.129, 135.877)

Conversions

Conversions Part 1

Format	Color
Hex	4D6E43
RGB	77, 110, 67
RGB Percent	30%, 43%, 26%
CMY	0.6977, 0.5683, 0.7369
CMYK	0.30, 0.00, 0.39, 0.57
HSL	106°, 24%, 35%
HSV	106°, 39%, 43%
XYZ	9.6679, 13.1578, 7.3528
YIQ	95.2310, -5.8650, -20.3690

Conversions

Conversions Part 2

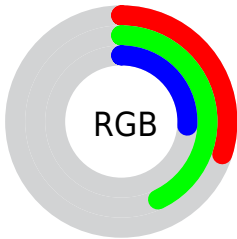
Format	Color
R_{YB}	67, 110, 100
Decimal	5074499
CIE _{Lab}	43.00, -20.91, 20.28
CIE _{LCh}	43, 29.129, 135.877
Yxy	13.1578, 0.3204, 0.4360
Android (android.graphics.Color)	4283264579 (0xFF4D6E43)
YUV	95.2310, -13.9179, -15.9886
Hunter-Lab	36.2736, -15.9038, 13.3732

Details

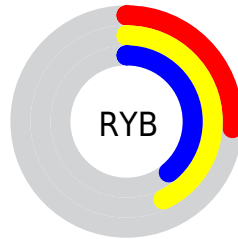
The CIELCh color $43, 29.129, 135.877$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $34, 29.708, 319.425$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 29.081, 136.238$, and $23, 29.022, 136.075$ is the 20% darker color. If you saturate the color by 10%, you get $42, 36.305, 135.279$, and if you desaturate by 10%, it is $44, 21.738, 136.451$.

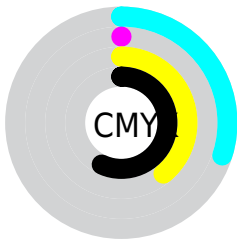
Distribution



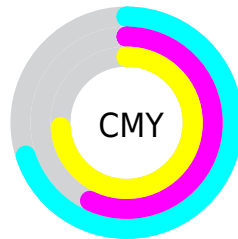
- Red (30%)
- Green (43%)
- Blue (26%)



- Red (26%)
- Yellow (43%)
- Blue (39%)



- Cyan (30%)
- Magenta (0%)
- Yellow (39%)
- Black (57%)



- Cyan (70%)
- Magenta (57%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 29.129, 135.877 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, 29.129, 135.877 by changing the saturation by 10% instead.

 43, 29.129,
135.877


 43, 29.129,
135.877


 100, 29.129,
135.877


 33, 29.129,
135.877

 63, 29.129,
135.877


 23, 29.129,
135.877

 73, 29.129,
135.877

 13, 29.129,
135.877

 83, 29.129,
135.877

 3, 29.129, 135.877

 93, 29.129,
135.877

 0, 29.129, 135.877

 43, 29.129,

 43, 29.129,

135.877

135.877

■ 42, 36.305,
135.279

■ 44, 21.738,
136.451

■ 42, 43.106,
134.690

■ 45, 14.249,
136.981

■ 41, 49.323,
134.174

■ 46, 6.749, 137.465

■ 41, 54.691,
133.822

■ 47, 0.698, 317.681

■ 48, 8.045, 318.217

■ 40, 58.919,
133.743

■ 49, 15.261,
318.544

■ 40, 62.260,
133.733

■ 50, 22.324,
318.823

■ 40, 62.570,
133.708

■ 51, 29.222,
319.063

■ 53, 35.948,

Harmonies

Complementary

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



43, 29.129, 135.877



34, 29.708, 319.425

Rectangle

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



43, 29.129, 135.877



43, 29.129, 185.877



43, 29.129, 315.877



43, 29.129, 5.877

Sweetspot

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



43, 29.130, 135.878



58, 11.076, 137.312



43, 20.210, 93.843



29, 7.298, 137.270



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, 29.130, 135.878



54, 43.084, 135.328



43, 25.891, 149.882



23, 4.252, 137.467



44, 66.568, 133.816



86, 114.571, 134.421

Inverse Universe

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



34, 29.708, 319.425



41, 44.093, 319.763



34, 26.104, 335.592



22, 4.278, 318.176



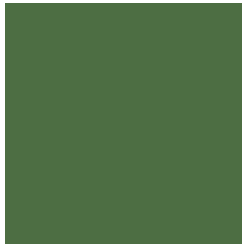
22, 67.629, 319.871



49, 115.737, 319.435

Previews

White Background



This preview shows how the CIELCh color 43, 29.129, 135.877 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, 29.129, 135.877 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, 29.129, 135.877

Background



This preview shows how black text looks on a background with the CIELCh color 43, 29.129, 135.877.



This preview shows how white text looks on a background with the CIELCh color 43, 29.129, 135.877.

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

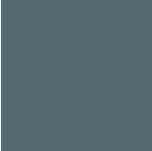
43, 29.129, 135.877

Protanopia

43, 22.361, 96.013

Deuteranopia

43, 19.894, 73.351



Tritanopia
43, 8.848, 231.786

Trichromacy



Original Color
43, 29.129, 135.877

Protanomaly
43, 23.161, 113.599

Deuteranomaly
43, 19.638, 103.224

Tritanomaly
43, 12.159, 164.999

Monochromacy



Original Color
43, 29.129, 135.877

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 10.447, 138.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 29.129, 135.877 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(77, 110, 67)` looks like.

```
.text, #text, p{  
    color:rgb(77, 110, 67)  
}
```

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(77, 110, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 110, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 29.129, 135.877 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(77, 110, 67) }
```

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

```
.border{ border-color:rgb(77, 110, 67) }
```

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

Here you see how a box with a 4 pixel rgb(77, 110, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 110, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 110, 67);  
box-shadow:4px 4px 4px 4px rgb(77, 110,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 29.129, 135.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 110, 67) }
```

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

```
.background{ background-color: rgb(77, 110,  
67) }
```

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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