

Converting Colors

CIELCh(43, 24.711, 126.868)

Have a look what the booklet for
CIELCh(43, 24.711, 126.868)
contains.

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Color

CIELCh(43, 25.029, 126.532)

Conversions

Conversions Part 1

Format	Color
Hex	596C44
RGB	89, 108, 68
RGB Percent	35%, 42%, 27%
CMY	0.6525, 0.5780, 0.7348
CMYK	0.18, 0.00, 0.37, 0.58
HSL	89°, 23%, 34%
HSV	89°, 37%, 42%
XYZ	10.4343, 13.1578, 7.3985
YIQ	97.7590, 1.5160, -16.4680

Conversions

Conversions Part 2

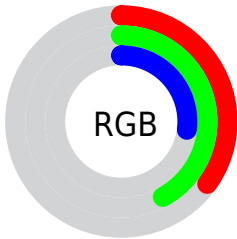
Format	Color
RYB	68, 108, 87
Decimal	5860420
CIELab	43.00, -14.90, 20.11
CIELCh	43, 25.029, 126.532
Yxy	13.1578, 0.3367, 0.4246
Android (android.graphics.Color)	4284050500 (0xFF596C44)
YUV	97.7590, -14.6712, -7.6816
Hunter-Lab	36.2736, -12.1325, 13.2985

Details

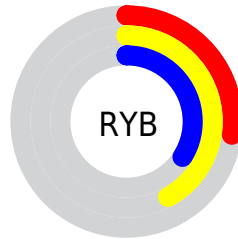
The CIELCh color $43, 25.029, 126.532$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $32, 26.386, 309.992$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 24.469, 126.151$, and $23, 25.322, 127.139$ is the 20% darker color. If you saturate the color by 10%, you get $42, 31.525, 126.096$, and if you desaturate by 10%, it is $44, 18.365, 126.996$.

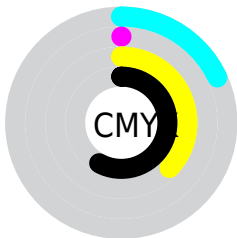
Distribution



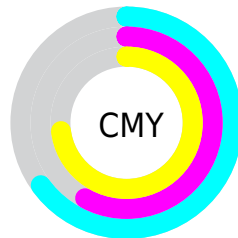
- Red (35%)
- Green (42%)
- Blue (27%)



- Red (27%)
- Yellow (42%)
- Blue (34%)



- Cyan (18%)
- Magenta (0%)
- Yellow (37%)
- Black (58%)





- Cyan (65%)
- Magenta (58%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 25.029, 126.532 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, 25.029, 126.532 by changing the saturation by 10% instead.


 43, 25.029,
126.532


 43, 25.029,
126.532


 100, 25.029,
126.532


 33, 25.029,
126.532

 63, 25.029,
126.532


 23, 25.029,
126.532

 73, 25.029,
126.532

 13, 25.029,
126.532

 83, 25.029,
126.532

 3, 25.029, 126.532

 93, 25.029,
126.532

 0, 25.029, 126.532

 43, 25.029,

 43, 25.029,

126.532

126.532

■ 42, 31.525,
126.096

■ 44, 18.365,
126.996

■ 42, 37.733,
125.723

■ 44, 11.614,
127.458

■ 42, 43.485,
125.476

■ 45, 4.835, 127.909

■ 41, 48.558,
125.443

■ 46, 1.929, 308.275

■ 46, 8.648, 308.690

■ 41, 52.690,
125.729

■ 47, 15.300,
309.049

■ 40, 55.962,
126.269

■ 48, 21.869,
309.373

■ 40, 56.910,
126.377

■ 49, 28.345,
309.666

■ 50, 34.719,

Harmonies

Complementary

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



43, 25.029, 126.532



32, 26.386, 309.992

Rectangle

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



43, 25.029, 126.532



43, 25.029, 176.532



43, 25.029, 306.532



43, 25.029, 356.532

Sweetspot

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



43, 25.030, 126.534



57, 9.252, 127.723



38, 15.342, 67.575



30, 6.266, 127.679



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, 25.030, 126.534



55, 37.427, 126.134



42, 28.965, 141.126



22, 3.786, 127.828



44, 60.600, 126.536



87, 105.205, 127.489

Inverse Universe

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



32, 26.386, 309.992



38, 40.041, 310.485



34, 29.002, 325.358



20, 3.836, 308.570



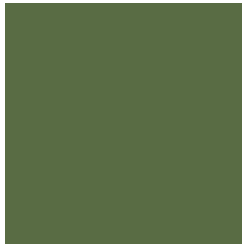
16, 70.374, 311.798



38, 121.872, 311.150

Previews

White Background



This preview shows how the CIE LCh color 43, 25.029, 126.532 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, 25.029, 126.532 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, 25.029, 126.532

Background



This preview shows how black text looks on a background with the CIELCh color 43, 25.029, 126.532.



This preview shows how white text looks on a background with the CIELCh color 43, 25.029, 126.532.

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, 25.029, 126.532

Protanopia

43, 21.793, 95.839

Deuteranopia

43, 19.894, 73.351



Tritanopia
43, 6.016, 263.790

Trichromacy



Original Color
43, 25.029, 126.532

Protanomaly
43, 21.874, 108.133

Deuteranomaly
43, 19.409, 96.331

Tritanomaly
43, 7.125, 149.287

Monochromacy



Original Color
43, 25.029, 126.532

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 9.526, 127.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 25.029, 126.532 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(89, 108, 68)` looks like.

```
.text, #text, p{  
    color:rgb(89, 108, 68)  
}
```

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(89, 108, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 108, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 25.029, 126.532 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(89, 108, 68) }
```

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

```
.border{ border-color:rgb(89, 108, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 108, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 108, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 108, 68);  
box-shadow:4px 4px 4px 4px rgb(89, 108,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 25.029, 126.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 108, 68) }
```

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

```
.background{ background-color: rgb(89, 108,  
68) }
```

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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