

Converting Colors

CIELCh(43, 26.101, 105.856)

Have a look what the booklet for
CIELCh(43, 26.101, 105.856)
contains.

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Color

CIELCh(43, 26.365, 106.279)

Conversions

Conversions Part 1

Format	Color
Hex	68683B
RGB	104, 104, 59
RGB Percent	41%, 41%, 23%
CMY	0.5922, 0.5922, 0.7686
CMYK	0.00, 0.00, 0.43, 0.59
HSL	60°, 28%, 32%
HSV	60°, 43%, 41%
XYZ	11.4471, 13.1578, 6.0733
YIQ	98.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

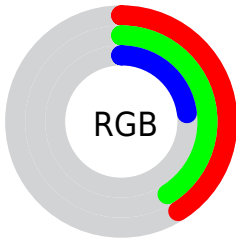
Format	Color
RYB	59, 104, 59
Decimal	6842427
CIELab	43.00, -7.39, 25.31
CIELCh	43, 26.365, 106.279
Yxy	13.1578, 0.3731, 0.4289
Android (android.graphics.Color)	4285032507 (0xFF68683B)
YUV	98.8700, -19.6559, 4.4990
Hunter-Lab	36.2736, -7.1484, 15.4646

Details

The CIELCh color $43, 26.365, 106.279$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $27, 29.306, 295.672$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 26.432, 106.333$, and $23, 26.089, 106.756$ is the 20% darker color. If you saturate the color by 10%, you get $43, 32.019, 105.444$, and if you desaturate by 10%, it is $43, 20.456, 107.164$.

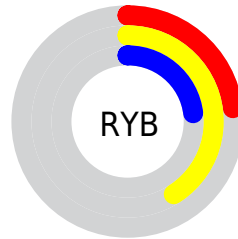
Distribution



Red (41%)

Green (41%)

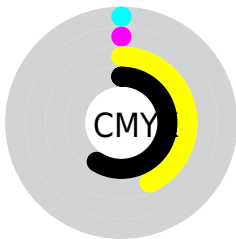
Blue (23%)



Red (23%)

Yellow (41%)

Blue (23%)

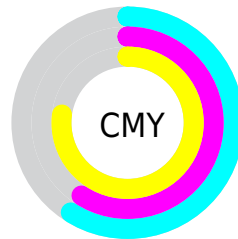


Cyan (0%)

Magenta (0%)

Yellow (43%)

Black (59%)



Cyan (59%)


Magenta (59%)


Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 26.365, 106.279 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, 26.365, 106.279 by changing the saturation by 10% instead.


 43, 26.365,
106.279


 43, 26.365,
106.279


 100, 26.365,
106.279


 33, 26.365,
106.279

 63, 26.365,
106.279


 23, 26.365,
106.279

 73, 26.365,
106.279

 13, 26.365,
106.279

 83, 26.365,
106.279

 3, 26.365, 106.279

 93, 26.365,
106.279

 0, 26.365, 106.279

 43, 26.365,

 43, 26.365,

106.279

106.279

■ 43, 32.019,
105.444

■ 43, 20.456,
107.164

■ 43, 37.267,
104.675

■ 43, 14.390,
108.068

■ 43, 41.907,
104.006

■ 44, 8.233, 108.978

■ 43, 45.682,
103.472

■ 44, 2.029, 109.868

■ 44, 4.193, 290.787

■ 43, 48.407,
103.093

■ 45, 10.413,
291.646

■ 43, 50.131,
102.856

■ 45, 16.617,
292.480

■ 45, 22.794,
293.281

■ 46, 28.938,

Harmonies

Complementary

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



43, 26.365, 106.279



27, 29.306, 295.672

Rectangle

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



43, 26.365, 106.279



43, 26.365, 156.279



43, 26.365, 286.279



43, 26.365, 336.279

Sweetspot

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



43, 26.366, 106.282



56, 10.000, 108.969



30, 21.608, 23.414



29, 7.049, 108.813



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, 26.366, 106.282



55, 38.746, 105.428



41, 28.415, 127.164



21, 3.429, 109.373



47, 53.753, 102.856



93, 93.218, 102.857

Inverse Universe

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



27, 29.306, 295.672



31, 44.561, 297.529



29, 30.134, 311.108



19, 3.498, 291.040



11, 74.223, 306.288



30, 128.717, 306.287

Previews

White Background



This preview shows how the CIELCh color 43, 26.365, 106.279 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, 26.365, 106.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

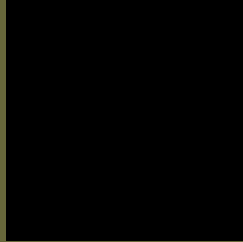
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 26.365, 106.279

Background



This preview shows how black text looks on a background with the CIELCh color 43, 26.365, 106.279.



This preview shows how white text looks on a background with the CIELCh color 43, 26.365, 106.279.

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, 26.365, 106.279

Protanopia

43, 26.260, 96.954

Deuteranopia

43, 25.074, 77.173



Tritanopia
43, 5.916, 334.839

Trichromacy



Original Color
43, 26.365, 106.279

Protanomaly
43, 26.517, 101.144

Deuteranomaly
43, 24.977, 88.865

Tritanomaly
43, 7.645, 89.118

Monochromacy



Original Color
43, 26.365, 106.279

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 10.184, 108.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 26.365, 106.279 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(104, 104, 59)` looks like.

```
.text, #text, p{  
    color:rgb(104, 104, 59)  
}
```

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(104, 104, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 104, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 26.365, 106.279 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(104, 104, 59) }
```

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

```
.border{ border-color:rgb(104, 104, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 104, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 104, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 104, 59);  
box-shadow:4px 4px 4px 4px rgb(104, 104,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 26.365, 106.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 104, 59) }
```

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

```
.background{ background-color: rgb(104,  
104, 59) }
```

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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