

Converting Colors

CIELCh(43, 35.158, 169.537)

Have a look what the booklet for
CIELCh(43, 35.158, 169.537)
contains.

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Color

CIELCh(43, 35.363, 169.295)

Conversions

Conversions Part 1

Format	Color
Hex	00745A
RGB	0, 116, 90
RGB Percent	0%, 45%, 35%
CMY	0.9989, 0.5463, 0.6481
CMYK	1.00, 0.00, 0.22, 0.55
HSL	166°, 100%, 23%
HSV	166°, 100%, 45%
XYZ	8.0483, 13.1578, 11.7265
YIQ	78.3520, -60.7900, -32.6780

Conversions

Conversions Part 2

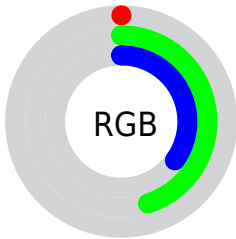
Format	Color
RYB	0, 65, 116
Decimal	29786
CIELab	43.00, -34.75, 6.57
CIElCh	43, 35.363, 169.295
Yxy	13.1578, 0.2444, 0.3995
Android (android.graphics.Color)	4278219866 (0xFF00745A)
YUV	78.3520, 5.7425, -68.7147
Hunter-Lab	36.2736, -23.8737, 6.2243

Details

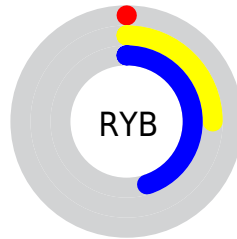
The CIELCh color **43, 35.363, 169.295** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **23, 49.974, 24.836**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 35.607, 169.282**, and **24, 27.230, 161.429** is the 20% darker color. If you saturate the color by 10%, you get **43, 35.405, 169.257**, and if you desaturate by 10%, it is **43, 33.613, 170.953**.

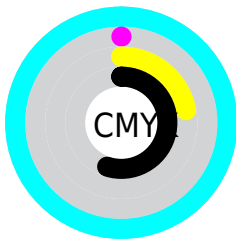
Distribution



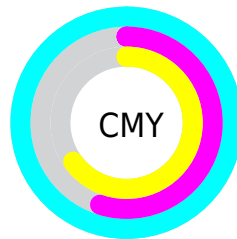
- Red (0%)
- Green (45%)
- Blue (35%)



- Red (0%)
- Yellow (25%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (55%)





- Cyan (100%)
- Magenta (55%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 35.363, 169.295 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, 35.363, 169.295 by changing the saturation by 10% instead.


 43, 35.363,
169.295


 43, 35.363,
169.295


 100, 35.363,
169.295


 33, 35.363,
169.295

 63, 35.363,
169.295


 23, 35.363,
169.295

 73, 35.363,
169.295

 13, 35.363,
169.295

 83, 35.363,
169.295

 3, 35.363, 169.295

 93, 35.363,
169.295

 0, 35.363, 169.295

 43, 35.363,

 43, 35.363,

169.295

169.295

■ 43, 35.405,
169.257

■ 43, 33.613,
170.953

■ 43, 31.560,
172.568

■ 44, 28.992,
174.026

■ 44, 25.915,
175.346

■ 45, 22.366,
176.549

■ 45, 18.405,
177.655

■ 46, 14.102,
178.682

■ 47, 9.533, 179.650

Harmonies

Complementary

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



43, 35.363, 169.295



23, 49.974, 24.836

Rectangle

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



43, 35.363, 169.295



43, 35.363, 219.295



43, 35.363, 349.295



43, 35.363, 39.295

Sweetspot

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



43, 35.363, 169.294



59, 17.590, 178.582



42, 64.790, 133.766



30, 12.006, 178.244



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 35.363, 169.294



55, 43.111, 168.722



33, 25.667, 247.371



24, 2.784, 180.656



45, 36.920, 169.132



88, 63.567, 167.981

Inverse Universe

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



23, 49.974, 24.836



31, 61.224, 26.518



26, 51.641, 46.112



23, 2.873, 2.094



24, 52.260, 25.306



53, 90.894, 28.648

Previews

White Background



This preview shows how the CIELCh color 43, 35.363, 169.295 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, 35.363, 169.295 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, 35.363, 169.295

Background



This preview shows how black text looks on a background with the CIELCh color 43, 35.363, 169.295.



This preview shows how white text looks on a background with the CIELCh color 43, 35.363, 169.295.

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, 35.431, 169.340

Protanopia

43, 11.097, 94.684

Deuteranopia

43, 7.337, 39.172



Tritanopia
43, 22.917, 210.849

Trichromacy



Original Color
43, 35.431, 169.340

Protanomaly
42, 20.032, 157.815

Deuteranomaly
41, 14.485, 167.502

Tritanomaly
43, 26.164, 192.494

Monochromacy



Original Color
43, 35.431, 169.340

Achromatopsia
33, 0.005, 296.813

Achromatomaly
36, 17.434, 176.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 35.363, 169.295 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(0, 116, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 90)  
}
```

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(0, 116, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 35.363, 169.295 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(0, 116, 90) }
```

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

```
.border{ border-color:rgb(0, 116, 90) }
```

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

Here you see how a box with a 4 pixel rgb(0, 116, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 90);  
box-shadow:4px 4px 4px 4px rgb(0, 116, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 35.363, 169.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 90) }
```

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

```
.background{ background-color: rgb(0, 116,  
90) }
```

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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