

Converting Colors

CIELCh(44, 34.355, 172.614)

Have a look what the booklet for
CIELCh(44, 34.355, 172.614)
contains.

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Color

CIELCh(44, 34.201, 172.958)

Conversions

Conversions Part 1

Format	Color
Hex	017660
RGB	1, 118, 96
RGB Percent	0%, 46%, 38%
CMY	0.9949, 0.5368, 0.6231
CMYK	0.99, 0.00, 0.19, 0.54
HSL	169°, 98%, 23%
HSV	169°, 99%, 46%
XYZ	8.6240, 13.8382, 13.3086
YIQ	80.5090, -62.6700, -31.6460

Conversions

Conversions Part 2

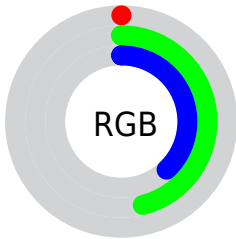
Format	Color
R_{YB}	1, 66, 118
Decimal	95840
CIE _{Lab}	44.00, -33.94, 4.19
CIE _{LCh}	44, 34.201, 172.958
Yxy	13.8382, 0.2411, 0.3869
Android (android.graphics.Color)	4278285920 (0xFF017660)
YUV	80.5090, 7.6371, -69.7294
Hunter-Lab	37.1997, -23.7180, 4.8282

Details

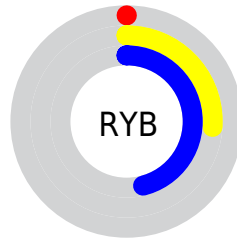
The CIELCh color **44, 34.201, 172.958** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24, 51.493, 27.519**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 34.317, 172.487**, and **25, 25.753, 166.419** is the 20% darker color. If you saturate the color by 10%, you get **44, 34.372, 172.796**, and if you desaturate by 10%, it is **44, 32.640, 174.498**.

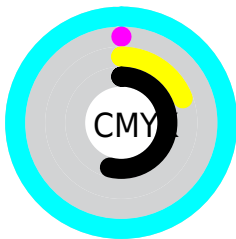
Distribution



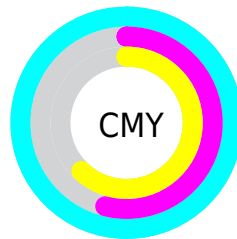
- Red (0%)
- Green (46%)
- Blue (38%)



- Red (0%)
- Yellow (26%)
- Blue (46%)



- Cyan (99%)
- Magenta (0%)
- Yellow (19%)
- Black (54%)




- Cyan (99%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 34.201, 172.958 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 44, 34.201, 172.958 by changing the saturation by 10% instead.


 44, 34.201,
172.958


 44, 34.201,
172.958


 100, 34.201,
172.958


 34, 34.201,
172.958

 64, 34.201,
172.958


 24, 34.201,
172.958

 74, 34.201,
172.958

 14, 34.201,
172.958

 84, 34.201,
172.958

 4, 34.201, 172.958

 94, 34.201,
172.958

 0, 34.201, 172.958

 44, 34.201,

 44, 34.201,

172.958

172.958

■ 44, 34.372,
172.796

■ 44, 32.640,
174.498

■ 44, 30.720,
175.970

■ 45, 28.268,
177.303

■ 45, 25.288,
178.517

■ 46, 21.818,
179.632

■ 46, 17.917,
180.667

■ 47, 13.657,
181.638

■ 48, 9.112, 182.564

Harmonies

Complementary

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



44, 34.201, 172.958



24, 51.493, 27.519

Rectangle

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



44, 34.201, 172.958



44, 34.201, 222.958



44, 34.201, 352.958



44, 34.201, 42.958

Sweetspot

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



44, 34.201, 172.957



60, 17.444, 181.464



43, 65.899, 134.291



30, 11.735, 181.147



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 34.201, 172.957



56, 41.694, 172.323



33, 27.061, 253.507



24, 2.737, 183.464



46, 35.291, 172.725



88, 60.600, 171.673

Inverse Universe

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



24, 51.493, 27.519



31, 63.464, 29.446



27, 51.396, 48.005



23, 2.835, 4.860



24, 53.408, 28.184



52, 93.157, 31.395

Previews

White Background



This preview shows how the CIE LCh color 44, 34.201, 172.958 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 44, 34.201, 172.958 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 44, 34.201, 172.958

Background



This preview shows how black text looks on a background with the CIELCh color 44, 34.201, 172.958.



This preview shows how white text looks on a background with the CIELCh color 44, 34.201, 172.958.

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


44, 34.201, 172.958

Protanopia

44, 8.754, 91.544

Deuteranopia

44, 6.366, 20.167



Tritanopia
44, 23.489, 211.984

Trichromacy



Original Color
44, 34.201, 172.958

Protanomaly
42, 17.989, 164.867

Deuteranomaly
43, 13.831, 177.283

Tritanomaly
44, 26.200, 195.218

Monochromacy



Original Color
44, 34.201, 172.958

Achromatopsia
34, 0.005, 296.813

Achromatomaly
37, 16.838, 180.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 34.201, 172.958 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(1, 118, 96)` looks like.

```
.text, #text, p{  
    color:rgb(1, 118, 96)  
}
```

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(1, 118, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 118, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 34.201, 172.958 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(1, 118, 96) }
```

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

```
.border{ border-color:rgb(1, 118, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 118, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 118, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 118, 96);  
box-shadow:4px 4px 4px 4px rgb(1, 118, 96)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 34.201, 172.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 118, 96) }
```

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

```
.background{ background-color: rgb(1, 118,  
96) }
```

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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