

Converting Colors

CIELCh(44, 34.134, 172.919)

Have a look what the booklet for
CIELCh(44, 34.134, 172.919)
contains.

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Color

CIELCh(44, 34.134, 172.919)

Conversions

Conversions Part 1

Format	Color
Hex	027660
RGB	2, 118, 96
RGB Percent	1%, 46%, 38%
CMY	0.9912, 0.5369, 0.6232
CMYK	0.98, 0.00, 0.19, 0.54
HSL	169°, 96%, 24%
HSV	169°, 98%, 46%
XYZ	8.6320, 13.8382, 13.3026
YIQ	80.8080, -62.0740, -31.4340

Conversions

Conversions Part 2

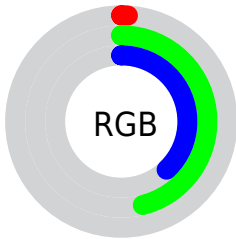
Format	Color
R_{YB}	2, 66, 118
Decimal	161376
CIE _{Lab}	44.00, -33.87, 4.21
CIE _{LCh}	44, 34.134, 172.919
Yxy	13.8382, 0.2413, 0.3868
Android (android.graphics.Color)	4278351456 (0xFF027660)
YUV	80.8080, 7.4897, -69.1146
Hunter-Lab	37.1997, -23.6797, 4.8377

Details

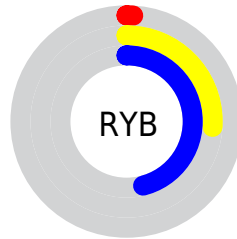
The CIELCh color **44, 34.134, 172.919** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24, 51.094, 27.067**, and the grayscale version is **34, 0.005, 296.813**.

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, 34.433, 172.637**, and if you desaturate by 10%, it is **44, 32.555, 174.470**.

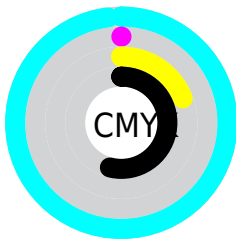
Distribution



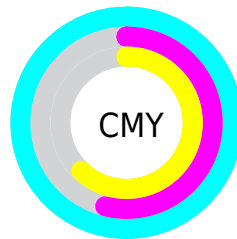
- Red (1%)
- Green (46%)
- Blue (38%)



- Red (1%)
- Yellow (26%)
- Blue (46%)



- Cyan (98%)
- Magenta (0%)
- Yellow (19%)
- Black (54%)




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 34.134, 172.919 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, 34.134, 172.919 by changing the saturation by 10% instead.


 44, 34.134,
172.919


 44, 34.134,
172.919


 100, 34.134,
172.919


 34, 34.134,
172.919

 64, 34.134,
172.919


 24, 34.134,
172.919

 74, 34.134,
172.919

 14, 34.134,
172.919

 84, 34.134,
172.919

 4, 34.134, 172.919

 94, 34.134,
172.919

 0, 34.134, 172.919

 44, 34.134,

 44, 34.134,

172.919

■ 44, 34.433,
172.637

172.919

■ 44, 32.555,
174.470

■ 44, 30.585,
175.937

■ 45, 28.081,
177.265

■ 45, 25.053,
178.475

■ 46, 21.539,
179.587

■ 46, 17.601,
180.619

■ 47, 13.309,
181.589

■ 48, 8.741, 182.513

Harmonies

Complementary

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



44, 34.134, 172.919



24, 51.094, 27.067

Rectangle

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



44, 34.134, 172.919



44, 34.134, 222.919



44, 34.134, 352.919



44, 34.134, 42.919

Sweetspot

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



44, 34.134, 172.918



60, 16.918, 181.435



43, 65.629, 134.310



30, 11.447, 181.112



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, 34.134, 172.918



56, 41.776, 172.160



33, 26.925, 253.181



24, 2.738, 183.341



46, 35.359, 172.564



88, 60.723, 171.507

Inverse Universe

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



24, 51.094, 27.067



31, 63.400, 29.329



27, 50.985, 48.031



23, 2.836, 4.740



24, 53.356, 28.065



52, 93.058, 31.283

Previews

White Background



This preview shows how the CIELCh color 44, 34.134, 172.919 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, 34.134, 172.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

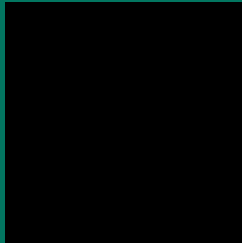
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 34.134, 172.919

Background



This preview shows how black text looks on a background with the CIELCh color 44, 34.134, 172.919.



This preview shows how white text looks on a background with the CIELCh color 44, 34.134, 172.919.

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, 34.134, 172.919

Protanopia

44, 8.754, 91.544

Deuteranopia

44, 6.366, 20.167



Tritanopia
44, 23.489, 211.984

Trichromacy



Original Color
44, 34.134, 172.919

Protanomaly
42, 17.989, 164.867

Deuteranomaly
43, 13.831, 177.283

Tritanomaly
44, 26.200, 195.218

Monochromacy



Original Color
44, 34.134, 172.919

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, 34.134, 172.919 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(2, 118, 96)` looks like.

```
.text, #text, p{  
    color:rgb(2, 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(2, 118, 96) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 44, 34.134, 172.919 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(2, 118, 96) }
```

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

```
.border{ border-color:rgb(2, 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(2, 118, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 118, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 118, 96);  
box-shadow:4px 4px 4px 4px rgb(2, 118, 96)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 34.134, 172.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 118, 96) }
```

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

```
.background{ background-color: rgb(2, 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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