

Converting Colors

CIELCh(44, 27.547, 179.271)

Have a look what the booklet for
CIELCh(44, 27.547, 179.271)
contains.

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Color

CIELCh(44, 27.438, 179.763)

Conversions

Conversions Part 1

Format	Color
Hex	237467
RGB	35, 116, 103
RGB Percent	14%, 45%, 40%
CMY	0.8625, 0.5449, 0.5959
CMYK	0.70, 0.00, 0.11, 0.54
HSL	170°, 54%, 30%
HSV	170°, 70%, 46%
XYZ	9.3950, 13.8382, 15.0179
YIQ	90.2990, -44.1030, -21.2150

Conversions

Conversions Part 2

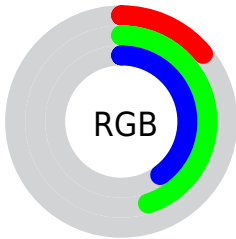
Format	Color
RYB	35, 79, 116
Decimal	2323559
CIELab	44.00, -27.44, 0.11
CIELCh	44, 27.438, 179.763
Yxy	13.8382, 0.2456, 0.3618
Android (android.graphics.Color)	4280513639 (0xFF237467)
YUV	90.2990, 6.2616, -48.4972
Hunter-Lab	37.1997, -20.0185, 2.1038

Details

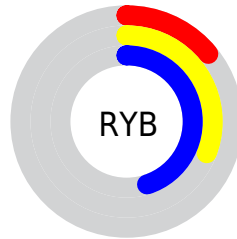
The CIELCh color **44, 27.438, 179.763** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **27, 38.204, 17.745**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 27.544, 179.295**, and **25, 22.250, 176.676** is the 20% darker color. If you saturate the color by 10%, you get **44, 29.676, 178.532**, and if you desaturate by 10%, it is **44, 24.672, 180.887**.

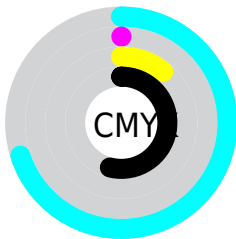
Distribution



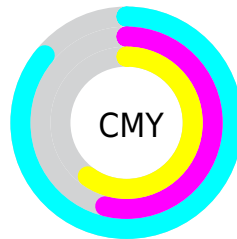
- Red (14%)
- Green (45%)
- Blue (40%)



- Red (14%)
- Yellow (31%)
- Blue (45%)



- Cyan (70%)
- Magenta (0%)
- Yellow (11%)
- Black (54%)



- Cyan (86%)
- Magenta (54%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 27.438, 179.763 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, 27.438, 179.763 by changing the saturation by 10% instead.


 44, 27.438,
179.763


 44, 27.438,
179.763


 100, 27.438,
179.763

 34, 27.438,
179.763

 64, 27.438,
179.763


 24, 27.438,
179.763

 74, 27.438,
179.763

 14, 27.438,
179.763

 84, 27.438,
179.763

 4, 27.438, 179.763

 94, 27.438,
179.763

 0, 27.438, 179.763

 44, 27.438,

 44, 27.438,

179.763

179.763

■ 44, 29.676,
178.532

■ 44, 24.672,
180.887

■ 43, 31.386,
177.180

■ 45, 21.412,
181.928

■ 43, 32.783,
175.786

■ 45, 17.710,
182.902

■ 43, 32.813,
175.758

■ 46, 13.636,
183.824

■ 47, 9.261, 184.709

■ 48, 4.660, 185.585

■ 49, 0.104, 2.940

■ 50, 4.969, 7.035

■ 51, 9.890, 7.835

Harmonies

Complementary

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



44, 27.438, 179.763



27, 38.204, 17.745

Rectangle

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



44, 27.438, 179.763



44, 27.438, 229.763



44, 27.438, 359.763



44, 27.438, 49.763

Sweetspot

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



44, 27.438, 179.762



60, 12.115, 184.557



43, 52.809, 135.577



31, 8.227, 184.368



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, 27.438, 179.762



56, 37.185, 177.691



36, 22.223, 247.747



24, 2.705, 185.652



46, 34.127, 175.660



88, 58.476, 174.702

Inverse Universe

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



27, 38.204, 17.745



33, 55.719, 23.890



32, 33.900, 51.660



23, 2.810, 7.004



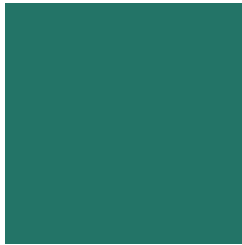
24, 54.349, 30.217



52, 94.927, 33.277

Previews

White Background



This preview shows how the CIELCh color 44, 27.438, 179.763 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, 27.438, 179.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

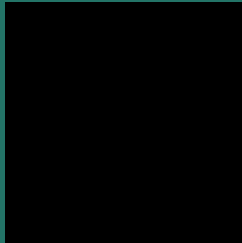
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 27.438, 179.763

Background



This preview shows how black text looks on a background with the CIELCh color 44, 27.438, 179.763.



This preview shows how white text looks on a background with the CIELCh color 44, 27.438, 179.763.

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, 27.438, 179.763

Protanopia

44, 4.505, 87.374

Deuteranopia

44, 6.152, 344.459



Tritanopia
44, 21.549, 211.863

Trichromacy



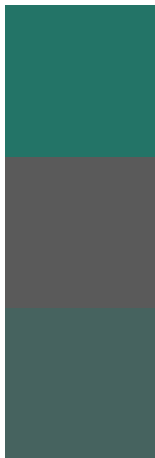
Original Color
44, 27.438, 179.763

Protanomaly
43, 12.118, 171.433

Deuteranomaly
43, 8.644, 194.393

Tritanomaly
44, 22.957, 198.405

Monochromacy



Original Color
44, 27.438, 179.763

Achromatopsia
38, 0.005, 296.813

Achromatomaly
40, 11.663, 185.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 27.438, 179.763 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(35, 116, 103)` looks like.

```
.text, #text, p{  
    color:rgb(35, 116, 103)  
}
```

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(35, 116, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 116, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 27.438, 179.763 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(35, 116, 103) }
```

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

```
.border{ border-color:rgb(35, 116, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 116, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 116, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 116, 103);  
box-shadow:4px 4px 4px 4px rgb(35, 116,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 27.438, 179.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 116, 103) }
```

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

```
.background{ background-color: rgb(35, 116,  
103) }
```

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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