

Converting Colors

CIELCh(44, 16.779, 179.759)

Have a look what the booklet for
CIELCh(44, 16.779, 179.759)
contains.

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Color

CIELCh(44, 16.883, 178.753)

Conversions

Conversions Part 1

Format	Color
Hex	467067
RGB	70, 112, 103
RGB Percent	27%, 44%, 40%
CMY	0.7259, 0.5612, 0.5965
CMYK	0.38, 0.00, 0.08, 0.56
HSL	167°, 23%, 36%
HSV	167°, 38%, 44%
XYZ	10.7419, 13.8382, 14.9075
YIQ	98.4160, -22.1430, -11.7030

Conversions

Conversions Part 2

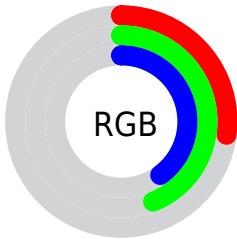
Format	Color
R_{YB}	70, 94, 112
Decimal	4616295
CIE _{Lab}	44.00, -16.88, 0.37
CIE _{LCh}	44, 16.883, 178.753
Yxy	13.8382, 0.2720, 0.3504
Android (android.graphics.Color)	4282806375 (0xFF467067)
YUV	98.4160, 2.2599, -24.9208
Hunter-Lab	37.1997, -13.5552, 2.2799

Details

The CIELCh color **44, 16.883, 178.753** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35, 19.491, 6.377**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 17.006, 178.718**, and **24, 16.895, 178.182** is the 20% darker color. If you saturate the color by 10%, you get **43, 20.778, 177.686**, and if you desaturate by 10%, it is **45, 12.670, 179.746**.

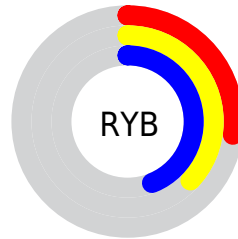
Distribution



Red (27%)

Green (44%)

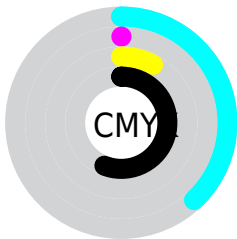
Blue (40%)



Red (27%)

Yellow (37%)

Blue (44%)

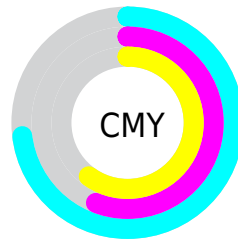


Cyan (38%)

Magenta (0%)

Yellow (8%)

Black (56%)



Cyan (73%)


Magenta (56%)

Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 16.883, 178.753 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, 16.883, 178.753 by changing the saturation by 10% instead.


 44, 16.883,
178.753


 44, 16.883,
178.753


 100, 16.883,
178.753


 34, 16.883,
178.753

 64, 16.883,
178.753


 24, 16.883,
178.753

 74, 16.883,
178.753

 14, 16.883,
178.753


 84, 16.883,
178.753

 4, 16.883, 178.753

 94, 16.883,
178.753

 0, 16.883, 178.753

 44, 16.883,

 44, 16.883,

178.753

178.753

■ 43, 20.778,
177.686

■ 45, 12.670,
179.746

■ 43, 24.285,
176.535

■ 46, 8.210, 180.689

■ 42, 27.342,
175.276

■ 46, 3.572, 181.622

■ 47, 1.182, 2.090

■ 42, 29.910,
173.890

■ 49, 5.999, 3.121

■ 42, 31.975,
172.357

■ 50, 10.836, 3.921

■ 51, 15.658, 4.679

■ 42, 33.665,
170.735

■ 52, 20.441, 5.408

■ 42, 34.081,
170.356

■ 54, 25.164, 6.112

Harmonies

Complementary

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



44, 16.883, 178.753



35, 19.491, 6.377

Rectangle

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



44, 16.883, 178.753



44, 16.883, 228.753



44, 16.883, 358.753



44, 16.883, 48.753

Sweetspot

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



44, 16.884, 178.751



59, 6.435, 181.266



44, 28.525, 136.410



31, 4.352, 181.173



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



44, 16.884, 178.751



56, 24.479, 177.835



41, 12.808, 232.988



23, 2.668, 181.481



45, 35.864, 170.203



87, 62.180, 169.046

Inverse Universe

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



35, 19.491, 6.377



42, 29.296, 7.829



38, 16.076, 47.766



22, 2.756, 2.893



24, 51.745, 26.039



52, 90.812, 29.453

Previews

White Background



This preview shows how the CIELCh color 44, 16.883, 178.753 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 CIE LCh color 44, 16.883, 178.753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

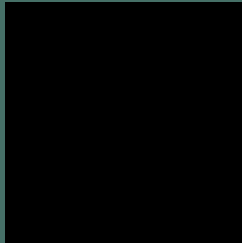
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

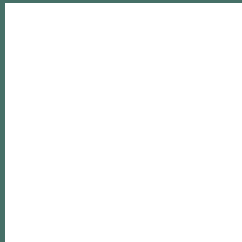
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 16.883, 178.753

Background



This preview shows how black text looks on a background with the CIELCh color 44, 16.883, 178.753.



This preview shows how white text looks on a background with the CIELCh color 44, 16.883, 178.753.

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, 16.883, 178.753

Protanopia

44, 3.421, 80.132

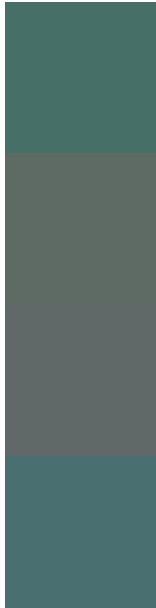
Deuteranopia

44, 6.195, 351.333



Tritanopia
44, 13.600, 218.856

Trichromacy



Original Color
44, 16.883, 178.753

Protanomaly
44, 6.130, 162.796

Deuteranomaly
43, 2.838, 199.178

Tritanomaly
44, 13.904, 202.843

Monochromacy



Original Color
44, 16.883, 178.753

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 6.352, 182.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 16.883, 178.753 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(70, 112, 103)` looks like.

```
.text, #text, p{  
    color:rgb(70, 112, 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(70, 112, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 112, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 16.883, 178.753 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(70, 112, 103) }
```

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

```
.border{ border-color:rgb(70, 112, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 112, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 112, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 112, 103);  
box-shadow:4px 4px 4px 4px rgb(70, 112,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 16.883, 178.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 112, 103) }
```

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

```
.background{ background-color: rgb(70, 112,  
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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