

Converting Colors

CIELCh(44, 19.585, 177.798)

Have a look what the booklet for
CIELCh(44, 19.585, 177.798)
contains.

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Color

CIELCh(44, 19.774, 177.584)

Conversions

Conversions Part 1

Format	Color
Hex	3F7166
RGB	63, 113, 102
RGB Percent	25%, 44%, 40%
CMY	0.7528, 0.5567, 0.5998
CMYK	0.44, 0.00, 0.10, 0.56
HSL	167°, 28%, 35%
HSV	167°, 44%, 44%
XYZ	10.3629, 13.8382, 14.7061
YIQ	96.7960, -26.2690, -14.0210

Conversions

Conversions Part 2

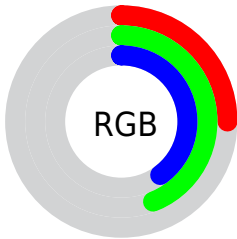
Format	Color
RYB	63, 91, 113
Decimal	4157798
CIELab	44.00, -19.76, 0.83
CIELCh	44, 19.774, 177.584
Yxy	13.8382, 0.2663, 0.3557
Android (android.graphics.Color)	4282347878 (0xFF3F7166)
YUV	96.7960, 2.5656, -29.6391
Hunter-Lab	37.1997, -15.3739, 2.6007

Details

The CIELCh color **44, 19.774, 177.584** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 23.402, 7.053**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 19.620, 177.683**, and **24, 20.080, 176.726** is the 20% darker color. If you saturate the color by 10%, you get **43, 23.471, 176.449**, and if you desaturate by 10%, it is **45, 15.711, 178.632**.

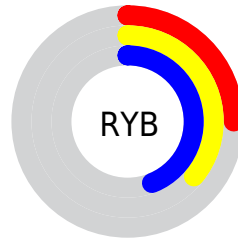
Distribution



Red (25%)

Green (44%)

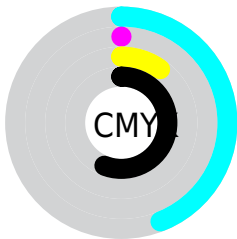
Blue (40%)



Red (25%)

Yellow (36%)

Blue (44%)

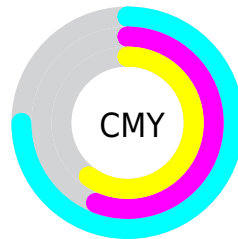


Cyan (44%)

Magenta (0%)

Yellow (10%)

Black (56%)



Cyan (75%)

Magenta (56%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 19.774, 177.584 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, 19.774, 177.584 by changing the saturation by 10% instead.

 44, 19.774,
177.584


 44, 19.774,
177.584


 100, 19.774,
177.584


 34, 19.774,
177.584

 64, 19.774,
177.584


 24, 19.774,
177.584

 74, 19.774,
177.584


 14, 19.774,
177.584


 84, 19.774,
177.584

 4, 19.774, 177.584

 94, 19.774,
177.584

 0, 19.774, 177.584

 44, 19.774,

 44, 19.774,

177.584

177.584

■ 43, 23.471,
176.449

■ 45, 15.711,
178.632

■ 43, 26.734,
175.212

■ 45, 11.352,
179.616

■ 43, 29.515,
173.852

■ 46, 6.770, 180.554

■ 42, 31.791,
172.348

■ 47, 2.033, 181.539

■ 48, 2.799, 2.089

■ 42, 33.595,
170.702

■ 49, 7.677, 2.962

■ 42, 34.584,
169.784

■ 51, 12.561, 3.747

■ 52, 17.418, 4.496

■ 53, 22.225, 5.216

Harmonies

Complementary

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



44, 19.774, 177.584



33, 23.402, 7.053

Rectangle

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



44, 19.774, 177.584



44, 19.774, 227.584



44, 19.774, 357.584



44, 19.774, 47.584

Sweetspot

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



44, 19.774, 177.582



60, 7.717, 180.636



44, 33.585, 135.541



30, 5.353, 180.472



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, 19.774, 177.582



56, 28.571, 176.427



40, 14.852, 231.566



23, 2.675, 181.044



45, 36.120, 169.653



87, 62.650, 168.480

Inverse Universe

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



33, 23.402, 7.053



40, 35.228, 9.049



36, 19.726, 45.921



22, 2.762, 2.461



24, 51.574, 25.577



52, 90.465, 29.009

Previews

White Background



This preview shows how the CIE LCh color 44, 19.774, 177.584 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, 19.774, 177.584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

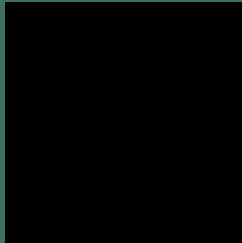
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 19.774, 177.584

Background



This preview shows how black text looks on a background with the CIELCh color 44, 19.774, 177.584.



This preview shows how white text looks on a background with the CIELCh color 44, 19.774, 177.584.

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, 19.774, 177.584

Protanopia

44, 3.955, 84.261

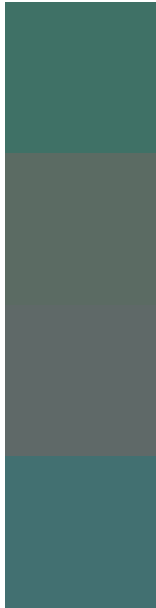
Deuteranopia

44, 6.195, 351.333



Tritanopia
44, 15.582, 215.898

Trichromacy



Original Color
44, 19.774, 177.584

Protanomaly
44, 8.159, 162.477

Deuteranomaly
44, 4.093, 190.541

Tritanomaly
44, 16.383, 199.693

Monochromacy



Original Color
44, 19.774, 177.584

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 7.678, 180.104

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 19.774, 177.584 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(63, 113, 102)` looks like.

```
.text, #text, p{  
    color:rgb(63, 113, 102)  
}
```

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(63, 113, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 113, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 19.774, 177.584 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(63, 113, 102) }
```

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

```
.border{ border-color:rgb(63, 113, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 113, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 113, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 113, 102);  
box-shadow:4px 4px 4px 4px rgb(63, 113,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 19.774, 177.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 113, 102) }
```

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

```
.background{ background-color: rgb(63, 113,  
102) }
```

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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