

Converting Colors

CIELCh(44, 18.217, 153.879)

Have a look what the booklet for
CIELCh(44, 18.217, 153.879)
contains.

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Color

CIELCh(44, 18.217, 153.879)

Conversions

Conversions Part 1

Format	Color
Hex	4F6F5A
RGB	79, 111, 90
RGB Percent	31%, 44%, 35%
CMY	0.6893, 0.5637, 0.6461
CMYK	0.29, 0.00, 0.19, 0.56
HSL	141°, 17%, 37%
HSV	141°, 29%, 44%
XYZ	10.8118, 13.8382, 11.8276
YIQ	99.0380, -12.3310, -13.3150

Conversions

Conversions Part 2

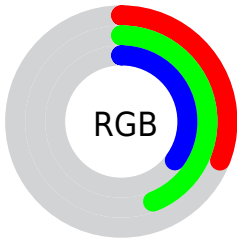
Format	Color
R_{YB}	79, 103, 111
Decimal	5205850
CIE Lab	44.00, -16.36, 8.02
CIE LCh	44, 18.217, 153.879
Yxy	13.8382, 0.2964, 0.3794
Android (android.graphics.Color)	4283395930 (0xFF4F6F5A)
YUV	99.0380, -4.4557, -17.5733
Hunter-Lab	37.1997, -13.2202, 7.1887

Details

The CIELCh color **44, 18.217, 153.879** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **38, 18.470, 338.162**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 18.353, 153.687**, and **24, 18.300, 153.282** is the 20% darker color. If you saturate the color by 10%, you get **43, 24.424, 152.885**, and if you desaturate by 10%, it is **45, 11.897, 154.755**.

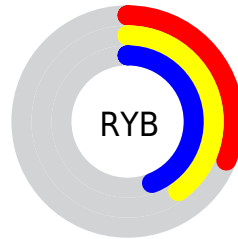
Distribution



Red (31%)

Green (44%)

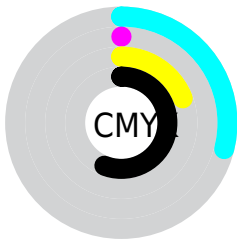
Blue (35%)



Red (31%)

Yellow (40%)

Blue (44%)

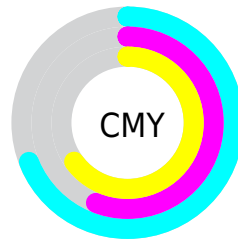


Cyan (29%)

Magenta (0%)

Yellow (19%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 18.217, 153.879 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, 18.217, 153.879 by changing the saturation by 10% instead.


 44, 18.217,
153.879


 44, 18.217,
153.879


 100, 18.217,
153.879


 34, 18.217,
153.879


 64, 18.217,
153.879


 24, 18.217,
153.879

 74, 18.217,
153.879


 14, 18.217,
153.879


 84, 18.217,
153.879

 4, 18.217, 153.879

 94, 18.217,
153.879

 0, 18.217, 153.879

 44, 18.217,

 44, 18.217,

153.879

153.879

■ 43, 24.424,
152.885

■ 45, 11.897,
154.755

■ 42, 30.419,
151.754

■ 46, 5.543, 155.544

■ 42, 36.097,
150.467

■ 47, 0.776, 335.888

■ 48, 7.008, 336.759

■ 41, 41.357,
149.009

■ 50, 13.115,
337.321

■ 41, 46.105,
147.376

■ 51, 19.072,
337.822

■ 41, 50.276,
145.579

■ 52, 24.863,
338.275

■ 41, 53.970,
143.803

■ 54, 30.479,
338.690

■ 41, 54.409,
143.609

■ 56, 35.918,

Harmonies

Complementary

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



44, 18.217, 153.879



38, 18.470, 338.162

Rectangle

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



44, 18.217, 153.879



44, 18.217, 203.879



44, 18.217, 333.879



44, 18.217, 23.879

Sweetspot

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



44, 18.218, 153.878



59, 7.081, 155.508



45, 19.390, 121.546



31, 4.961, 155.419



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, 18.218, 153.878



56, 27.503, 153.179



44, 12.799, 183.425



23, 3.578, 155.526



44, 57.618, 143.422



86, 101.255, 142.156

Inverse Universe

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



38, 18.470, 338.162



47, 27.940, 338.752



37, 14.492, 8.729



22, 3.600, 336.671



25, 51.824, 347.233



55, 87.561, 348.725

Previews

White Background



This preview shows how the CIELCh color 44, 18.217, 153.879 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, 18.217, 153.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

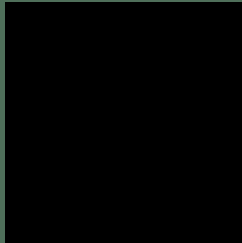
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 18.217, 153.879

Background



This preview shows how black text looks on a background with the CIELCh color 44, 18.217, 153.879.



This preview shows how white text looks on a background with the CIELCh color 44, 18.217, 153.879.

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, 18.217, 153.879

Protanopia

44, 10.480, 94.077

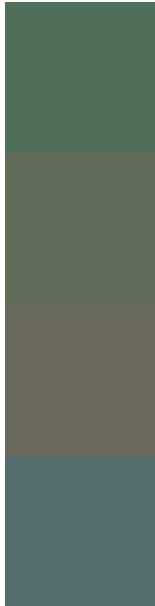
Deuteranopia

44, 8.927, 47.982



Tritanopia
44, 10.024, 227.247

Trichromacy



Original Color
44, 18.217, 153.879

Protanomaly
44, 11.279, 126.354

Deuteranomaly
44, 7.160, 109.132

Tritanomaly
44, 10.523, 191.616

Monochromacy



Original Color
44, 18.217, 153.879

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 6.244, 156.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 18.217, 153.879 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(79, 111, 90)` looks like.

```
.text, #text, p{  
    color:rgb(79, 111, 90)  
}
```

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(79, 111, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 111, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 18.217, 153.879 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(79, 111, 90) }
```

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

```
.border{ border-color:rgb(79, 111, 90) }
```

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

Here you see how a box with a 4 pixel rgb(79, 111, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 111, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 111, 90);  
box-shadow:4px 4px 4px 4px rgb(79, 111,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 18.217, 153.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 111, 90) }
```

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

```
.background{ background-color: rgb(79, 111,  
90) }
```

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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