

Converting Colors

CIELCh(44, 17.830, 126.745)

Have a look what the booklet for
CIELCh(44, 17.830, 126.745)
contains.

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Color

CIELCh(44, 17.548, 126.657)

Conversions

Conversions Part 1

Format	Color
Hex	5F6C50
RGB	95, 108, 80
RGB Percent	37%, 42%, 31%
CMY	0.6260, 0.5750, 0.6849
CMYK	0.12, 0.00, 0.26, 0.58
HSL	88°, 15%, 37%
HSV	88°, 26%, 42%
XYZ	11.6182, 13.8382, 9.7153
YIQ	100.9210, 1.2400, -11.4640

Conversions

Conversions Part 2

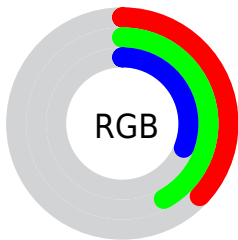
Format	Color
RYB	80, 108, 93
Decimal	6253648
CIELab	44.00, -10.48, 14.08
CIElCh	44, 17.548, 126.657
Yxy	13.8382, 0.3303, 0.3934
Android (android.graphics.Color)	4284443728 (0xFF5F6C50)
YUV	100.9210, -10.3141, -5.1927
Hunter-Lab	37.1997, -9.3503, 10.5552

Details

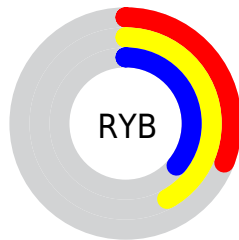
The CIELCh color $44, 17.548, 126.657$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $36, 18.199, 309.026$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 17.427, 125.821$, and $24, 18.023, 127.338$ is the 20% darker color. If you saturate the color by 10%, you get $43, 24.248, 126.193$, and if you desaturate by 10%, it is $45, 10.771, 127.123$.

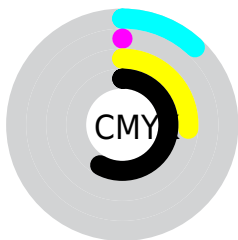
Distribution



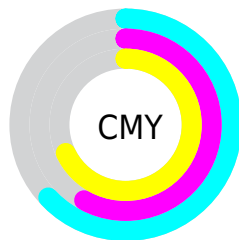
- Red (37%)
- Green (42%)
- Blue (31%)



- Red (31%)
- Yellow (42%)
- Blue (36%)



- Cyan (12%)
- Magenta (0%)
- Yellow (26%)
- Black (58%)




- Cyan (63%)
- Magenta (58%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 17.548, 126.657 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, 17.548, 126.657 by changing the saturation by 10% instead.


 44, 17.548,
126.657


 44, 17.548,
126.657


 100, 17.548,
126.657


 34, 17.548,
126.657

 64, 17.548,
126.657

 24, 17.548,
126.657

 74, 17.548,
126.657

 14, 17.548,
126.657

 84, 17.548,
126.657

 4, 17.548, 126.657

 94, 17.548,
126.657

 0, 17.548, 126.657

 44, 17.548,

 44, 17.548,

126.657

126.657

■ 43, 24.248,
126.193

■ 45, 10.771,
127.123

■ 43, 30.788,
125.748

■ 45, 3.970, 127.578

■ 42, 37.055,
125.364

■ 46, 2.814, 307.955

■ 47, 9.551, 308.360

■ 42, 42.887,
125.099

■ 48, 16.220,
308.719

■ 42, 48.067,
125.036

■ 49, 22.807,
309.045

■ 41, 52.334,
125.280

■ 49, 29.301,
309.340

■ 41, 55.640,
125.831

■ 50, 35.693,
309.606

■ 41, 57.006,
126.003

■ 51, 41.980,

Harmonies

Complementary

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



44, 17.548, 126.657



36, 18.199, 309.026

Rectangle

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



44, 17.548, 126.657



44, 17.548, 176.657



44, 17.548, 306.657



44, 17.548, 356.657

Sweetspot

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



44, 17.549, 126.659



58, 6.708, 127.471



41, 10.370, 67.005



30, 4.806, 127.415



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 17.549, 126.659



56, 25.953, 126.380



43, 20.230, 141.589



22, 3.777, 127.437



44, 60.389, 126.149



87, 104.823, 127.102

Inverse Universe

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



36, 18.199, 309.026



45, 27.162, 309.345



38, 20.284, 324.344



20, 3.828, 308.189



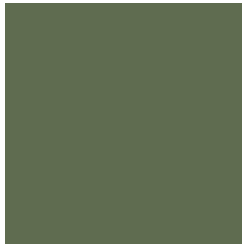
16, 70.533, 311.565



38, 122.160, 310.919

Previews

White Background



This preview shows how the CIELCh color 44, 17.548, 126.657 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, 17.548, 126.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

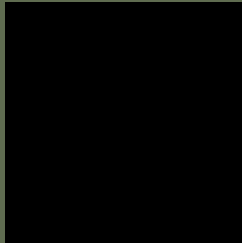
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

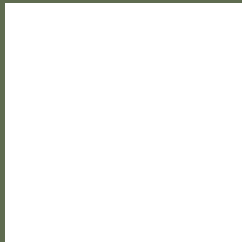
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 17.548, 126.657

Background



This preview shows how black text looks on a background with the CIELCh color 44, 17.548, 126.657.



This preview shows how white text looks on a background with the CIELCh color 44, 17.548, 126.657.

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, 17.548, 126.657

Protanopia

44, 15.769, 96.350

Deuteranopia

44, 14.465, 67.526



Tritanopia
44, 5.020, 272.488

Trichromacy



Original Color
44, 17.548, 126.657

Protanomaly
44, 15.992, 109.457

Deuteranomaly
44, 13.726, 91.136

Tritanomaly
44, 4.905, 151.909

Monochromacy



Original Color
44, 17.548, 126.657

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 6.928, 127.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 17.548, 126.657 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(95, 108, 80)` looks like.

```
.text, #text, p{  
    color:rgb(95, 108, 80)  
}
```

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(95, 108, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 108, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 17.548, 126.657 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(95, 108, 80) }
```

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

```
.border{ border-color:rgb(95, 108, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 108, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 108, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 108, 80);  
box-shadow:4px 4px 4px 4px rgb(95, 108,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 17.548, 126.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 108, 80) }
```

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

```
.background{ background-color: rgb(95, 108,  
80) }
```

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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