

Converting Colors

CIELCh(44, 18.768, 127.814)

Have a look what the booklet for
CIELCh(44, 18.768, 127.814)
contains.

CIELCh(44, 18.928, 127.869)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(44, 18.928, 127.869)

Conversions

Conversions Part 1

Format	Color
Hex	5E6D4F
RGB	94, 109, 79
RGB Percent	37%, 43%, 31%
CMY	0.6320, 0.5731, 0.6908
CMYK	0.14, 0.00, 0.28, 0.57
HSL	90°, 16%, 37%
HSV	90°, 28%, 43%
XYZ	11.4585, 13.8382, 9.4361
YIQ	101.0950, 0.6900, -12.5100

Conversions

Conversions Part 2

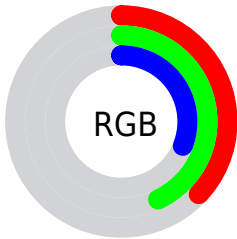
Format	Color
RYB	79, 109, 94
Decimal	6188367
CIELab	44.00, -11.62, 14.94
CIELCh	44, 18.928, 127.869
Yxy	13.8382, 0.3299, 0.3984
Android (android.graphics.Color)	4284378447 (0xFF5E6D4F)
YUV	101.0950, -10.8928, -6.2223
Hunter-Lab	37.1997, -10.1169, 11.0003

Details

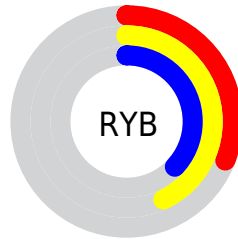
The CIELCh color $44, 18.928, 127.869$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $36, 19.623, 310.318$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 19.350, 127.615$, and $24, 18.790, 127.927$ is the 20% darker color. If you saturate the color by 10%, you get $43, 25.699, 127.411$, and if you desaturate by 10%, it is $45, 12.071, 128.328$.

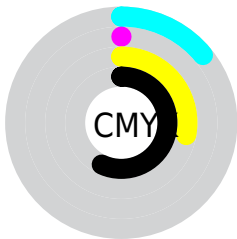
Distribution



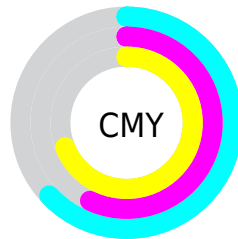
- Red (37%)
- Green (43%)
- Blue (31%)



- Red (31%)
- Yellow (43%)
- Blue (37%)



- Cyan (14%)
- Magenta (0%)
- Yellow (28%)
- Black (57%)



- Cyan (63%)
- Magenta (57%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 18.928, 127.869 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, 18.928, 127.869 by changing the saturation by 10% instead.

 44, 18.928,
127.869


 44, 18.928,
127.869

 100, 18.928,
127.869


 34, 18.928,
127.869

 64, 18.928,
127.869


 24, 18.928,
127.869

 74, 18.928,
127.869

 14, 18.928,
127.869


 84, 18.928,
127.869

 4, 18.928, 127.869

 94, 18.928,
127.869

 0, 18.928, 127.869

 44, 18.928,

 44, 18.928,

127.869

127.869

■ 43, 25.699,
127.411

■ 45, 12.071,
128.328

■ 43, 32.295,
126.975

■ 45, 5.186, 128.773

■ 42, 38.593,
126.603

■ 46, 1.681, 309.123

■ 47, 8.499, 309.537

■ 42, 44.420,
126.358

■ 48, 15.245,
309.887

■ 41, 49.548,
126.330

■ 49, 21.903,
310.201

■ 41, 53.709,
126.626

■ 50, 28.461,
310.484

■ 41, 57.016,
127.160

■ 51, 34.911,
310.738

■ 41, 57.838,
127.249

■ 52, 41.249,

Harmonies

Complementary

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



44, 18.928, 127.869



36, 19.623, 310.318

Rectangle

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



44, 18.928, 127.869



44, 18.928, 177.869



44, 18.928, 307.869



44, 18.928, 357.869

Sweetspot

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



44, 18.929, 127.871



58, 6.762, 128.745



41, 11.385, 72.188



30, 4.845, 128.690



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, 18.929, 127.871



56, 27.852, 127.580



43, 21.992, 142.685



22, 3.807, 128.712



44, 61.079, 127.387



87, 106.071, 128.335

Inverse Universe

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



36, 19.623, 310.318



44, 29.134, 310.638



38, 21.997, 325.853



20, 3.856, 309.435



17, 70.012, 312.352



39, 121.212, 311.701

Previews

White Background



This preview shows how the CIELCh color 44, 18.928, 127.869 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, 18.928, 127.869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

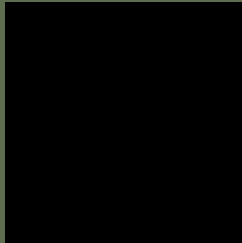
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

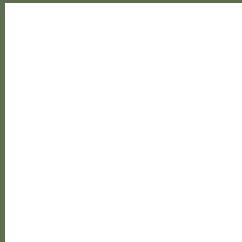
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 18.928, 127.869

Background



This preview shows how black text looks on a background with the CIELCh color 44, 18.928, 127.869.



This preview shows how white text looks on a background with the CIELCh color 44, 18.928, 127.869.

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, 18.928, 127.869

Protanopia

44, 16.346, 96.646

Deuteranopia

44, 15.250, 67.570



Tritanopia
44, 5.703, 270.782

Trichromacy



Original Color
44, 18.928, 127.869

Protanomaly
44, 16.576, 109.319

Deuteranomaly
44, 14.296, 91.703

Tritanomaly
44, 4.785, 160.193

Monochromacy



Original Color
44, 18.928, 127.869

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 7.075, 130.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 18.928, 127.869 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(94, 109, 79)` looks like.

```
.text, #text, p{  
    color:rgb(94, 109, 79)  
}
```

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(94, 109, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 109, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 18.928, 127.869 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(94, 109, 79) }
```

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

```
.border{ border-color:rgb(94, 109, 79) }
```

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

Here you see how a box with a 4 pixel rgb(94, 109, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 109, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 109, 79);  
box-shadow:4px 4px 4px 4px rgb(94, 109,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 18.928, 127.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 109, 79) }
```

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

```
.background{ background-color: rgb(94, 109,  
79) }
```

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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