

Converting Colors

CIELCh(44, 17.348, 127.375)

Have a look what the booklet for
CIELCh(44, 17.348, 127.375)
contains.

CIELCh(44, 16.994, 127.324)	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, 16.994, 127.324)

Conversions

Conversions Part 1

Format	Color
Hex	5F6C51
RGB	95, 108, 81
RGB Percent	37%, 42%, 32%
CMY	0.6263, 0.5752, 0.6812
CMYK	0.12, 0.00, 0.25, 0.58
HSL	89°, 14%, 37%
HSV	89°, 25%, 42%
XYZ	11.6425, 13.8382, 9.9003
YIQ	101.0350, 0.9190, -11.1530

Conversions

Conversions Part 2

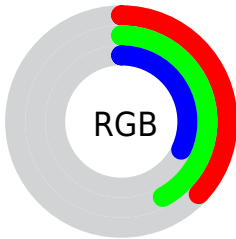
Format	Color
RYB	81, 108, 94
Decimal	6253649
CIELab	44.00, -10.30, 13.51
CIELCh	44, 16.994, 127.324
Yxy	13.8382, 0.3291, 0.3911
Android (android.graphics.Color)	4284443729 (0xFF5F6C51)
YUV	101.0350, -9.8773, -5.2927
Hunter-Lab	37.1997, -9.2338, 10.2605

Details

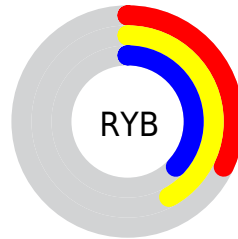
The CIELCh color $44, 16.994, 127.324$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $37, 17.578, 309.561$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 16.903, 126.400$, and $24, 17.437, 128.114$ is the 20% darker color. If you saturate the color by 10%, you get $43, 23.733, 126.863$, and if you desaturate by 10%, it is $45, 10.186, 127.785$.

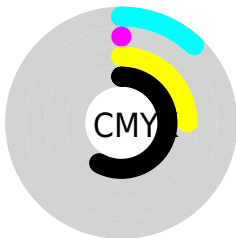
Distribution



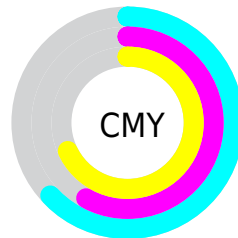
- Red (37%)
- Green (42%)
- Blue (32%)



- Red (32%)
- Yellow (42%)
- Blue (37%)



- Cyan (12%)
- Magenta (0%)
- Yellow (25%)
- Black (58%)




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 16.994, 127.324 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, 16.994, 127.324 by changing the saturation by 10% instead.


 44, 16.994,
127.324


 44, 16.994,
127.324


 100, 16.994,
127.324


 34, 16.994,
127.324

 64, 16.994,
127.324


 24, 16.994,
127.324

 74, 16.994,
127.324

 14, 16.994,
127.324


 84, 16.994,
127.324

 4, 16.994, 127.324

 94, 16.994,
127.324

 0, 16.994, 127.324

 44, 16.994,

 44, 16.994,

127.324

127.324

■ 43, 23.733,
126.863

■ 45, 10.186,
127.785

■ 43, 30.322,
126.417

■ 45, 3.360, 128.235

■ 42, 36.650,
126.025

■ 46, 3.442, 308.601

■ 42, 42.562,
125.743

■ 47, 10.192,
308.991

■ 41, 47.844,
125.654

■ 48, 16.870,
309.339

■ 41, 52.235,
125.860

■ 49, 23.460,
309.654

■ 41, 55.622,
126.398

■ 50, 29.952,
309.937

■ 41, 57.296,
126.609

■ 51, 36.339,
310.192

■ 52, 42.618,
310.420

Harmonies

Complementary

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



44, 16.994, 127.324



37, 17.578, 309.561

Rectangle

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



44, 16.994, 127.324



44, 16.994, 177.324



44, 16.994, 307.324



44, 16.994, 357.324

Sweetspot

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



44, 16.995, 127.326



58, 5.890, 128.132



41, 10.041, 68.929



30, 3.857, 128.116



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, 16.995, 127.326



56, 25.231, 127.054



43, 19.613, 142.071



22, 3.791, 128.053



44, 60.721, 126.756



87, 105.425, 127.708

Inverse Universe

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



37, 17.578, 309.561



45, 26.322, 309.863



38, 19.650, 324.777



20, 3.841, 308.790



16, 70.282, 311.936



39, 121.705, 311.287

Previews

White Background



This preview shows how the CIELCh color 44, 16.994, 127.324 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, 16.994, 127.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

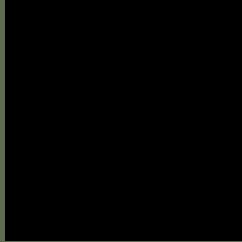
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 16.994, 127.324

Background



This preview shows how black text looks on a background with the CIELCh color 44, 16.994, 127.324.



This preview shows how white text looks on a background with the CIELCh color 44, 16.994, 127.324.

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, 16.994, 127.324

Protanopia

44, 15.191, 96.023

Deuteranopia

44, 14.000, 66.086



Tritanopia
44, 5.020, 272.488

Trichromacy



Original Color
44, 16.994, 127.324

Protanomaly
44, 15.407, 109.599

Deuteranomaly
44, 13.157, 90.512

Tritanomaly
44, 4.474, 157.011

Monochromacy



Original Color
44, 16.994, 127.324

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 6.361, 128.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 16.994, 127.324 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, 81)` looks like.

```
.text, #text, p{  
    color:rgb(95, 108, 81)  
}
```

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, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 108, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 16.994, 127.324 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, 81) }
```

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

```
.border{ border-color:rgb(95, 108, 81) }
```

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, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 108, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 108, 81);  
box-shadow:4px 4px 4px 4px rgb(95, 108,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 16.994, 127.324 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, 81) }
```

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

```
.background{ background-color: rgb(95, 108,  
81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor