

Converting Colors

CIELCh(44, 38.386, 135.059)

Have a look what the booklet for
CIELCh(44, 38.386, 135.059)
contains.

| | |
|--|----|
| CIELCh(44, 38.510, 134.944) | 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, 38.510, 134.944)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 477339 |
| RGB | 71, 115, 57 |
| RGB Percent | 28%, 45%, 22% |
| CMY | 0.7224, 0.5498, 0.7772 |
| CMYK | 0.38, 0.00, 0.51, 0.55 |
| HSL | 106°, 34%, 34% |
| HSV | 106°, 51%, 45% |
| XYZ | 9.4235, 13.8382, 6.0198 |
| YIQ | 95.2320, -7.6060, -27.3660 |

Conversions

Conversions Part 2

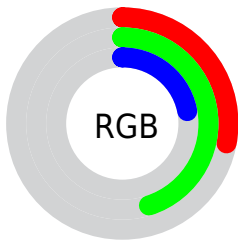
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 57, 115, 101 |
| Decimal | 4682553 |
| CIELab | 44.00, -27.20, 27.26 |
| CIElCh | 44, 38.510, 134.944 |
| Yxy | 13.8382, 0.3218, 0.4726 |
| Android (android.graphics.Color) | 4282872633 (0xFF477339) |
| YUV | 95.2320, -18.8484, -21.2515 |
| Hunter-Lab | 37.1997, -19.8816, 16.4453 |

Details

The CIELCh color **44, 38.510, 134.944** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **32, 39.496, 319.577**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 38.455, 134.706**, and **24, 38.436, 134.908** is the 20% darker color. If you saturate the color by 10%, you get **43, 45.450, 134.374**, and if you desaturate by 10%, it is **45, 31.154, 135.538**.

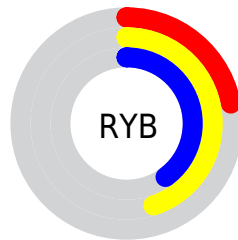
Distribution



Red (28%)

Green (45%)

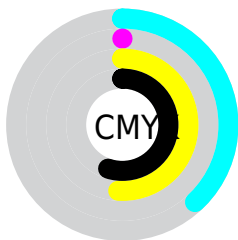
Blue (22%)



Red (22%)

Yellow (45%)

Blue (40%)

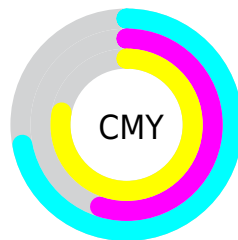


Cyan (38%)

Magenta (0%)

Yellow (51%)

Black (55%)



Cyan (72%)

Magenta (55%)

Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 38.510, 134.944 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, 38.510, 134.944 by changing the saturation by 10% instead.


 44, 38.510,
134.944


 44, 38.510,
134.944


 100, 38.510,
134.944

 34, 38.510,
134.944

 64, 38.510,
134.944

 24, 38.510,
134.944

 74, 38.510,
134.944

 14, 38.510,
134.944

 84, 38.510,
134.944

 4, 38.510, 134.944

 94, 38.510,
134.944

 0, 38.510, 134.944

 44, 38.510,

 44, 38.510,

134.944

134.944

■ 43, 45.450,
134.374

■ 45, 31.154,
135.538

■ 43, 51.742,
133.894

■ 45, 23.551,
136.112

■ 42, 57.106,
133.601

■ 46, 15.829,
136.646

■ 42, 61.240,
133.607

■ 47, 8.085, 137.134

■ 42, 64.395,
133.628

■ 48, 0.386, 137.884

■ 49, 7.217, 317.900

■ 51, 14.690,
318.235

■ 52, 22.009,
318.521

■ 53, 29.159,

318.766

Harmonies

Complementary

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



44, 38.510, 134.944



32, 39.496, 319.577

Rectangle

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



44, 38.510, 134.944



44, 38.510, 184.944



44, 38.510, 314.944



44, 38.510, 4.944

Sweetspot

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



44, 38.511, 134.945



60, 14.428, 136.901



43, 26.656, 91.239



31, 9.926, 136.819



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 38.511, 134.945



56, 56.949, 134.263



44, 34.696, 147.995



24, 4.403, 137.202



45, 67.489, 133.709



87, 115.299, 134.310

Inverse Universe

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



32, 39.496, 319.577



38, 58.558, 319.911



33, 34.805, 335.775



23, 4.430, 317.913



23, 68.754, 319.569



49, 116.810, 319.133

Previews

White Background



This preview shows how the CIELCh color 44, 38.510, 134.944 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 CIE LCh color 44, 38.510, 134.944 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, 38.510, 134.944

Background



This preview shows how black text looks on a background with the CIELCh color 44, 38.510, 134.944.



This preview shows how white text looks on a background with the CIELCh color 44, 38.510, 134.944.

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, 38.510, 134.944

Protanopia

44, 30.100, 96.655

Deuteranopia

44, 26.270, 77.362



Tritanopia
44, 11.148, 227.553

Trichromacy



Original Color
44, 38.510, 134.944

Protanomaly
44, 31.522, 114.175

Deuteranomaly
43, 26.893, 105.230

Tritanomaly
44, 16.069, 163.499

Monochromacy



Original Color
44, 38.510, 134.944

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 14.429, 136.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 38.510, 134.944 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(71, 115, 57)` looks like.

```
.text, #text, p{  
    color:rgb(71, 115, 57)  
}
```

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(71, 115, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 115, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 38.510, 134.944 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(71, 115, 57) }
```

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

```
.border{ border-color:rgb(71, 115, 57) }
```

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

Here you see how a box with a 4 pixel rgb(71, 115, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 115, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 115, 57);  
box-shadow:4px 4px 4px 4px rgb(71, 115,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 38.510, 134.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 115, 57) }
```

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

```
.background{ background-color: rgb(71, 115,  
57) }
```

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