

Converting Colors

CIELCh(44, 38.781, 143.163)

Have a look what the booklet for
CIELCh(44, 38.781, 143.163)
contains.

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Color

CIELCh(44, 38.559, 143.391)

Conversions

Conversions Part 1

Format	Color
Hex	3A7440
RGB	58, 116, 64
RGB Percent	23%, 45%, 25%
CMY	0.7714, 0.5440, 0.7480
CMYK	0.50, 0.00, 0.45, 0.54
HSL	126°, 33%, 34%
HSV	126°, 50%, 46%
XYZ	8.9730, 13.8382, 7.0877
YIQ	92.7300, -17.8760, -28.4680

Conversions

Conversions Part 2

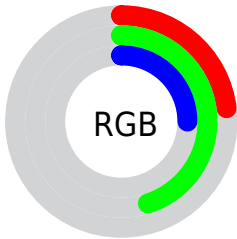
Format	Color
RYB	58, 111, 116
Decimal	3830848
CIELab	44.00, -30.95, 22.99
CIElCh	44, 38.559, 143.391
Yxy	13.8382, 0.3001, 0.4628
Android (android.graphics.Color)	4282020928 (0xFF3A7440)
YUV	92.7300, -14.1639, -30.4582
Hunter-Lab	37.1997, -22.0434, 14.7432

Details

The CIELCh color **44, 38.559, 143.391** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **34, 38.384, 330.132**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 38.697, 143.684**, and **24, 38.720, 143.233** is the 20% darker color. If you saturate the color by 10%, you get **43, 45.505, 142.232**, and if you desaturate by 10%, it is **45, 31.147, 144.427**.

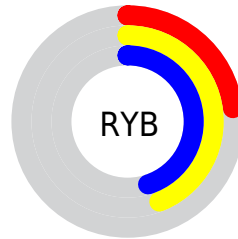
Distribution



Red (23%)

Green (45%)

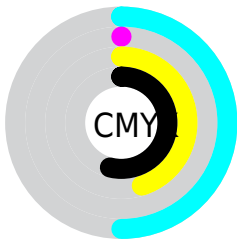
Blue (25%)



Red (23%)

Yellow (44%)

Blue (45%)

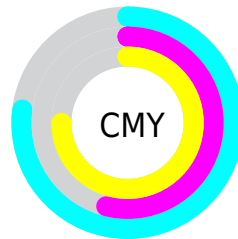


Cyan (50%)

Magenta (0%)

Yellow (45%)

Black (54%)



Cyan (77%)


Magenta (54%)


Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 38.559, 143.391 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, 38.559, 143.391 by changing the saturation by 10% instead.


 44, 38.559,
143.391


 44, 38.559,
143.391


 100, 38.559,
143.391


 34, 38.559,
143.391

 64, 38.559,
143.391


 24, 38.559,
143.391

 74, 38.559,
143.391

 14, 38.559,
143.391

 84, 38.559,
143.391

 4, 38.559, 143.391

 94, 38.559,
143.391

 0, 38.559, 143.391

 44, 38.559,

 44, 38.559,

143.391

143.391

■ 43, 45.505,
142.232

■ 45, 31.147,
144.427

■ 43, 51.789,
140.973

■ 46, 23.442,
145.335

■ 43, 57.200,
139.665

■ 47, 15.590,
146.124

■ 42, 61.531,
138.397

■ 48, 7.712, 146.813

■ 42, 64.762,
137.449

■ 49, 0.101, 325.495

■ 50, 7.782, 327.847

■ 42, 64.796,
137.442

■ 52, 15.285,
328.292

■ 53, 22.580,
328.671

■ 55, 29.651,

329.000

Harmonies

Complementary

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



44, 38.559, 143.391



34, 38.384, 330.132

Rectangle

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



44, 38.559, 143.391



44, 38.559, 193.391



44, 38.559, 323.391



44, 38.559, 13.391

Sweetspot

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



44, 38.560, 143.391



60, 14.507, 146.445



47, 33.121, 110.309



31, 9.981, 146.328



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, 38.560, 143.391



55, 56.113, 142.033



45, 25.973, 164.318



24, 4.423, 146.867



44, 67.330, 137.371



86, 115.866, 136.753

Inverse Universe

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



34, 38.384, 330.132



41, 55.367, 330.750



33, 28.451, 355.096



23, 4.433, 327.833



28, 62.092, 332.634



58, 104.819, 332.906

Previews

White Background



This preview shows how the CIELCh color 44, 38.559, 143.391 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, 38.559, 143.391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

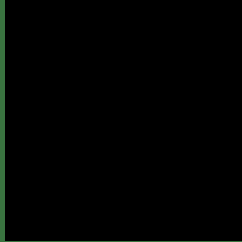
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 38.559, 143.391

Background



This preview shows how black text looks on a background with the CIELCh color 44, 38.559, 143.391.



This preview shows how white text looks on a background with the CIELCh color 44, 38.559, 143.391.

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, 38.559, 143.391

Protanopia

44, 26.277, 96.018

Deuteranopia

44, 22.130, 75.308



Tritanopia
44, 14.589, 219.862

Trichromacy



Original Color
44, 38.559, 143.391

Protanomaly
43, 27.602, 119.663

Deuteranomaly
43, 22.506, 112.718

Tritanomaly
44, 19.236, 173.205

Monochromacy



Original Color
44, 38.559, 143.391

Achromatopsia
39, 0.006, 296.813

Achromatomaly
41, 14.118, 147.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 38.559, 143.391 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(58, 116, 64)` looks like.

```
.text, #text, p{  
    color:rgb(58, 116, 64)  
}
```

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(58, 116, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 116, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 38.559, 143.391 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(58, 116, 64) }
```

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

```
.border{ border-color:rgb(58, 116, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 116, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 116, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 116, 64);  
box-shadow:4px 4px 4px 4px rgb(58, 116,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 38.559, 143.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 116, 64) }
```

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

```
.background{ background-color: rgb(58, 116,  
64) }
```

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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