

Converting Colors

CIELCh(44, 38.931, 141.342)

Have a look what the booklet for
CIELCh(44, 38.931, 141.342)
contains.

CIELCh(44, 38.859, 141.345)	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, 38.859, 141.345)

Conversions

Conversions Part 1

Format	Color
Hex	3D743E
RGB	61, 116, 62
RGB Percent	24%, 45%, 24%
CMY	0.7607, 0.5450, 0.7568
CMYK	0.47, 0.00, 0.47, 0.54
HSL	121°, 31%, 35%
HSV	121°, 47%, 46%
XYZ	9.0449, 13.8382, 6.7553
YIQ	93.3990, -15.4460, -28.4540

Conversions

Conversions Part 2

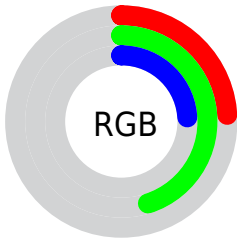
Format	Color
RYB	61, 115, 116
Decimal	4027454
CIELab	44.00, -30.35, 24.27
CIElCh	44, 38.859, 141.345
Yxy	13.8382, 0.3052, 0.4669
Android (android.graphics.Color)	4282217534 (0xFF3D743E)
YUV	93.3990, -15.4797, -28.4139
Hunter-Lab	37.1997, -21.6984, 15.2730

Details

The CIELCh color **44, 38.859, 141.345** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **35, 38.715, 327.340**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 39.402, 141.172**, and **24, 38.907, 141.303** is the 20% darker color. If you saturate the color by 10%, you get **43, 46.254, 140.285**, and if you desaturate by 10%, it is **45, 30.963, 142.308**.

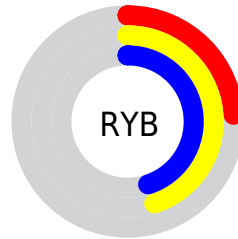
Distribution



Red (24%)

Green (45%)

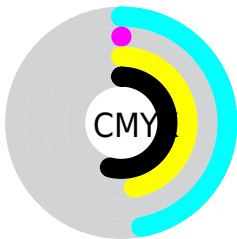
Blue (24%)



Red (24%)

Yellow (45%)

Blue (45%)

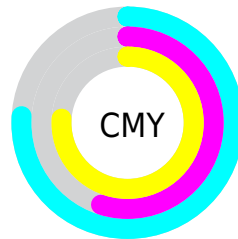


Cyan (47%)

Magenta (0%)

Yellow (47%)

Black (54%)



Cyan (76%)

Magenta (55%)

Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 38.859, 141.345 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, 38.859, 141.345 by changing the saturation by 10% instead.

 44, 38.859,
141.345

 44, 38.859,
141.345


 100, 38.859,
141.345

 34, 38.859,
141.345

 64, 38.859,
141.345


 24, 38.859,
141.345

 74, 38.859,
141.345

 14, 38.859,
141.345

 84, 38.859,
141.345

 4, 38.859, 141.345

 94, 38.859,
141.345

 0, 38.859, 141.345

 44, 38.859,

 44, 38.859,

141.345

■ 43, 46.254,
140.285

■ 43, 52.901,
139.170

■ 42, 58.522,
138.079

■ 42, 62.827,
137.126

■ 42, 65.805,
136.439

■ 42, 66.549,
136.272

141.345

■ 45, 30.963,
142.308

■ 46, 22.769,
143.159

■ 47, 14.442,
143.900

■ 48, 6.109, 144.548

■ 49, 2.132, 324.977

■ 51, 10.216,
325.503

■ 52, 18.098,
325.904

■ 54, 25.750,
326.243

■ 55, 33.160,
326.533

Harmonies

Complementary

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



44, 38.859, 141.345



35, 38.715, 327.340

Rectangle

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



44, 38.859, 141.345



44, 38.859, 191.345



44, 38.859, 321.345



44, 38.859, 11.345

Sweetspot

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



44, 38.860, 141.345



60, 14.354, 144.105



48, 31.427, 106.649



31, 9.994, 143.988



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, 38.860, 141.345



56, 56.691, 140.171



45, 26.572, 159.917



24, 4.691, 144.446



44, 69.169, 136.257



86, 117.668, 136.117

Inverse Universe

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



35, 38.715, 327.340



42, 56.186, 327.818



33, 28.117, 349.327



23, 4.699, 325.378



28, 66.215, 328.941



59, 112.175, 328.981

Previews

White Background



This preview shows how the CIELCh color 44, 38.859, 141.345 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, 38.859, 141.345 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, 38.859, 141.345

Background



This preview shows how black text looks on a background with the CIELCh color 44, 38.859, 141.345.



This preview shows how white text looks on a background with the CIELCh color 44, 38.859, 141.345.

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, 38.859, 141.345

Protanopia

44, 27.381, 96.235

Deuteranopia

44, 23.429, 75.585



Tritanopia
44, 13.890, 218.375

Trichromacy



Original Color
44, 38.859, 141.345

Protanomaly
43, 29.115, 117.896

Deuteranomaly
43, 23.561, 110.085

Tritanomaly
44, 18.680, 170.507

Monochromacy



Original Color
44, 38.859, 141.345

Achromatopsia
39, 0.006, 296.813

Achromatomaly
41, 14.351, 144.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 38.859, 141.345 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(61, 116, 62)` looks like.

```
.text, #text, p{  
    color:rgb(61, 116, 62)  
}
```

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(61, 116, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 116, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 38.859, 141.345 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(61, 116, 62) }
```

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

```
.border{ border-color:rgb(61, 116, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 116, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 116, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 116, 62);  
box-shadow:4px 4px 4px 4px rgb(61, 116,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 38.859, 141.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 116, 62) }
```

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

```
.background{ background-color: rgb(61, 116,  
62) }
```

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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