

Converting Colors

CIELCh(44, 40.253, 140.011)

Have a look what the booklet for
CIELCh(44, 40.253, 140.011)
contains.

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Color

CIELCh(44, 40.244, 139.985)

Conversions

Conversions Part 1

Format	Color
Hex	3D743B
RGB	61, 116, 59
RGB Percent	24%, 45%, 23%
CMY	0.7602, 0.5445, 0.7681
CMYK	0.47, 0.00, 0.49, 0.54
HSL	118°, 33%, 34%
HSV	118°, 49%, 46%
XYZ	8.9884, 13.8382, 6.3531
YIQ	93.0570, -14.4830, -29.3870

Conversions

Conversions Part 2

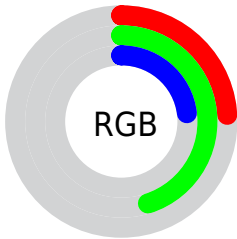
Format	Color
RYB	59, 116, 114
Decimal	4027451
CIELab	44.00, -30.82, 25.88
CIELCh	44, 40.244, 139.985
Yxy	13.8382, 0.3080, 0.4742
Android (android.graphics.Color)	4282217531 (0xFF3D743B)
YUV	93.0570, -16.7901, -28.1140
Hunter-Lab	37.1997, -21.9694, 15.9141

Details

The CIELCh color $44, 40.244, 139.985$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $34, 40.207, 325.838$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 40.760, 139.912$, and $24, 40.083, 140.035$ is the 20% darker color. If you saturate the color by 10%, you get $43, 47.575, 139.015$, and if you desaturate by 10%, it is $45, 32.383, 140.890$.

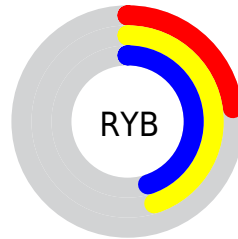
Distribution



Red (24%)

Green (45%)

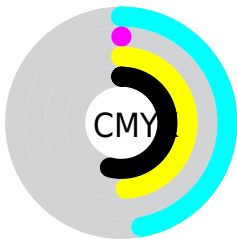
Blue (23%)



Red (23%)

Yellow (45%)

Blue (45%)

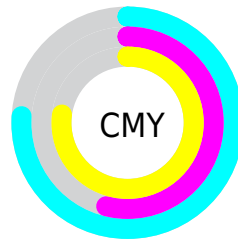


Cyan (47%)

Magenta (0%)

Yellow (49%)

Black (54%)



Cyan (76%)


Magenta (54%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 40.244, 139.985 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, 40.244, 139.985 by changing the saturation by 10% instead.


 44, 40.244,
139.985


 44, 40.244,
139.985


 100, 40.244,
139.985

 34, 40.244,
139.985

 64, 40.244,
139.985


 24, 40.244,
139.985

 74, 40.244,
139.985

 14, 40.244,
139.985

 84, 40.244,
139.985

 4, 40.244, 139.985

 94, 40.244,
139.985

 0, 40.244, 139.985

 44, 40.244,

 44, 40.244,

139.985

139.985

■ 43, 47.575,
139.015

■ 45, 32.383,
140.890

■ 43, 54.113,
138.033

■ 46, 24.203,
141.701

■ 43, 59.557,
137.134

■ 47, 15.872,
142.415

■ 42, 63.601,
136.438

■ 48, 7.520, 143.040

■ 42, 66.512,
135.828

■ 49, 0.756, 323.322

■ 50, 8.888, 323.975

■ 42, 66.780,
135.763

■ 52, 16.830,
324.367

■ 53, 24.554,
324.696

■ 55, 32.043,

Harmonies

Complementary

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



44, 40.244, 139.985



34, 40.207, 325.838

Rectangle

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



44, 40.244, 139.985



44, 40.244, 189.985



44, 40.244, 319.985



44, 40.244, 9.985

Sweetspot

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



44, 40.245, 139.985



60, 15.398, 142.656



47, 31.099, 103.399



31, 10.594, 142.549



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, 40.245, 139.985



56, 58.532, 138.876



44, 29.048, 156.355



24, 4.695, 143.043



44, 69.348, 135.777



86, 117.796, 135.916

Inverse Universe

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



34, 40.207, 325.838



41, 58.215, 326.264



33, 30.172, 345.594



23, 4.705, 323.928



27, 67.239, 326.893



58, 114.009, 326.820

Previews

White Background



This preview shows how the CIELCh color 44, 40.244, 139.985 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, 40.244, 139.985 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, 40.244, 139.985

Background



This preview shows how black text looks on a background with the CIELCh color 44, 40.244, 139.985.



This preview shows how white text looks on a background with the CIELCh color 44, 40.244, 139.985.

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, 40.244, 139.985

Protanopia

44, 29.020, 96.506

Deuteranopia

44, 24.978, 77.271



Tritanopia
44, 13.890, 218.375

Trichromacy



Original Color
44, 40.244, 139.985

Protanomaly
43, 30.186, 117.359

Deuteranomaly
43, 25.253, 109.629

Tritanomaly
44, 19.017, 168.960

Monochromacy



Original Color
44, 40.244, 139.985

Achromatopsia
39, 0.006, 296.813

Achromatomaly
41, 14.850, 143.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 40.244, 139.985 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, 59)` looks like.

```
.text, #text, p{  
    color:rgb(61, 116, 59)  
}
```

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, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 116, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 40.244, 139.985 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, 59) }
```

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

```
.border{ border-color:rgb(61, 116, 59) }
```

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, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 116, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 116, 59);  
box-shadow:4px 4px 4px 4px rgb(61, 116,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 40.244, 139.985 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, 59) }
```

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

```
.background{ background-color: rgb(61, 116,  
59) }
```

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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