

Converting Colors

CIELCh(44, 37.468, 141.262)

Have a look what the booklet for
CIELCh(44, 37.468, 141.262)
contains.

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Color

CIELCh(44, 37.510, 141.536)

Conversions

Conversions Part 1

Format	Color
Hex	3F7440
RGB	63, 116, 64
RGB Percent	25%, 45%, 25%
CMY	0.7541, 0.5462, 0.7501
CMYK	0.46, 0.00, 0.45, 0.55
HSL	121°, 30%, 35%
HSV	121°, 46%, 45%
XYZ	9.1613, 13.8382, 6.9989
YIQ	94.2250, -14.8960, -27.4080

Conversions

Conversions Part 2

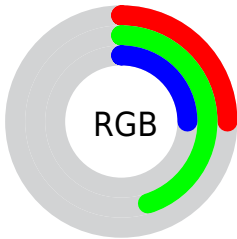
Format	Color
RYB	63, 115, 116
Decimal	4158528
CIELab	44.00, -29.37, 23.33
CIElCh	44, 37.510, 141.536
Yxy	13.8382, 0.3054, 0.4613
Android (android.graphics.Color)	4282348608 (0xFF3F7440)
YUV	94.2250, -14.9009, -27.3843
Hunter-Lab	37.1997, -21.1396, 14.8847

Details

The CIELCh color $44, 37.510, 141.536$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $35, 37.391, 327.297$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 36.995, 141.728$, and $24, 37.590, 141.422$ is the 20% darker color. If you saturate the color by 10%, you get $43, 44.981, 140.489$, and if you desaturate by 10%, it is $45, 29.576, 142.482$.

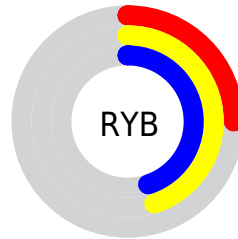
Distribution



Red (25%)

Green (45%)

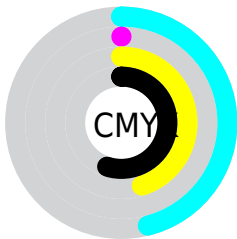
Blue (25%)



Red (25%)

Yellow (45%)

Blue (45%)

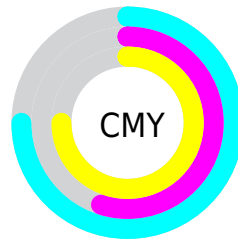


Cyan (46%)

Magenta (0%)

Yellow (45%)

Black (55%)



Cyan (75%)


Magenta (55%)


Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 37.510, 141.536 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, 37.510, 141.536 by changing the saturation by 10% instead.


 44, 37.510,
141.536


 44, 37.510,
141.536


 100, 37.510,
141.536


 34, 37.510,
141.536

 64, 37.510,
141.536


 24, 37.510,
141.536

 74, 37.510,
141.536

 14, 37.510,
141.536

 84, 37.510,
141.536

 4, 37.510, 141.536

 94, 37.510,
141.536

 0, 37.510, 141.536

 44, 37.510,

 44, 37.510,

141.536

141.536

■ 43, 44.981,
140.489

■ 45, 29.576,
142.482

■ 43, 51.750,
139.378

■ 46, 21.375,
143.314

■ 42, 57.545,
138.273

■ 47, 13.064,
144.038

■ 42, 62.077,
137.285

■ 48, 4.766, 144.678

■ 42, 65.198,
136.554

■ 49, 3.430, 325.116

■ 42, 66.392,
136.288

■ 51, 11.460,
325.602

■ 52, 19.283,
325.991

■ 54, 26.874,
326.322

■ 55, 34.223,
326.606

Harmonies

Complementary

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



44, 37.510, 141.536



35, 37.391, 327.297

Rectangle

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



44, 37.510, 141.536



44, 37.510, 191.536



44, 37.510, 321.536



44, 37.510, 11.536

Sweetspot

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



44, 37.511, 141.536



60, 14.343, 144.134



48, 30.360, 106.783



31, 9.987, 144.017



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, 37.511, 141.536



56, 54.906, 140.423



45, 25.681, 160.118



24, 4.688, 144.475



44, 69.145, 136.271



86, 117.651, 136.123

Inverse Universe

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



35, 37.391, 327.297



42, 54.479, 327.767



34, 27.139, 349.110



23, 4.696, 325.408



28, 66.161, 328.984



59, 112.078, 329.026

Previews

White Background



This preview shows how the CIELCh color 44, 37.510, 141.536 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, 37.510, 141.536 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, 37.510, 141.536

Background



This preview shows how black text looks on a background with the CIELCh color 44, 37.510, 141.536.



This preview shows how white text looks on a background with the CIELCh color 44, 37.510, 141.536.

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, 37.510, 141.536

Protanopia

44, 26.830, 96.131

Deuteranopia

44, 22.130, 75.308



Tritanopia
44, 13.464, 221.936

Trichromacy



Original Color
44, 37.510, 141.536

Protanomaly
43, 28.036, 118.467

Deuteranomaly
43, 22.994, 110.245

Tritanomaly
44, 17.775, 171.253

Monochromacy



Original Color
44, 37.510, 141.536

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 14.078, 143.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 37.510, 141.536 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(63, 116, 64)` looks like.

```
.text, #text, p{  
    color:rgb(63, 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(63, 116, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 116, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 37.510, 141.536 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(63, 116, 64) }
```

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

```
.border{ border-color:rgb(63, 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(63, 116, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 116, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 116, 64);  
box-shadow:4px 4px 4px 4px rgb(63, 116,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 37.510, 141.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 116, 64) }
```

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

```
.background{ background-color: rgb(63, 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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