

Converting Colors

CIELCh(44, 41.519, 144.573)

Have a look what the booklet for
CIELCh(44, 41.519, 144.573)
contains.

CIELCh(44, 41.491, 144.519)	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, 41.491, 144.519)

Conversions

Conversions Part 1

Format	Color
Hex	33753E
RGB	51, 117, 62
RGB Percent	20%, 46%, 24%
CMY	0.7990, 0.5402, 0.7560
CMYK	0.56, 0.00, 0.47, 0.54
HSL	130°, 39%, 33%
HSV	130°, 56%, 46%
XYZ	8.6420, 13.8382, 6.8040
YIQ	90.9960, -21.6810, -31.0970

Conversions

Conversions Part 2

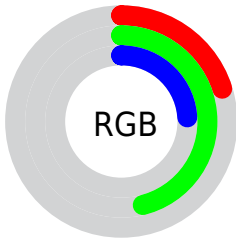
Format	Color
RYB	51, 108, 117
Decimal	3372350
CIELab	44.00, -33.79, 24.08
CIElCh	44, 41.491, 144.519
Yxy	13.8382, 0.2951, 0.4725
Android (android.graphics.Color)	4281562430 (0xFF33753E)
YUV	90.9960, -14.2950, -35.0765
Hunter-Lab	37.1997, -23.6315, 15.1954

Details

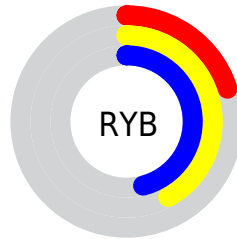
The CIELCh color $44, 41.491, 144.519$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $32, 41.196, 332.790$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 41.929, 144.379$, and $24, 40.085, 142.134$ is the 20% darker color. If you saturate the color by 10%, you get $43, 47.863, 143.222$, and if you desaturate by 10%, it is $45, 34.595, 145.679$.

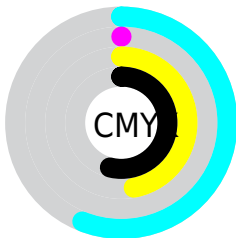
Distribution



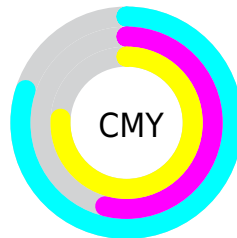
- Red (20%)
- Green (46%)
- Blue (24%)



- Red (20%)
- Yellow (42%)
- Blue (46%)



- Cyan (56%)
- Magenta (0%)
- Yellow (47%)
- Black (54%)





- Cyan (80%)
- Magenta (54%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 41.491, 144.519 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, 41.491, 144.519 by changing the saturation by 10% instead.


 44, 41.491,
144.519


 44, 41.491,
144.519


 100, 41.491,
144.519


 34, 41.491,
144.519

 64, 41.491,
144.519


 24, 41.491,
144.519

 74, 41.491,
144.519

 14, 41.491,
144.519

 84, 41.491,
144.519

 4, 41.491, 144.519

 94, 41.491,
144.519

 0, 41.491, 144.519

 44, 41.491,

 44, 41.491,

144.519

144.519

■ 43, 47.863,
143.222

■ 45, 34.595,
145.679

■ 43, 53.542,
141.811

■ 45, 27.333,
146.698

■ 43, 58.366,
140.335

■ 46, 19.854,
147.586

■ 43, 62.240,
138.936

■ 47, 12.280,
148.359

■ 43, 63.488,
138.538

■ 49, 4.713, 149.049

■ 50, 2.769, 329.507

■ 51, 10.110,
330.059

■ 53, 17.272,
330.504

■ 54, 24.230,
330.890

Harmonies

Complementary

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



44, 41.491, 144.519



32, 41.196, 332.790

Rectangle

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



44, 41.491, 144.519



44, 41.491, 194.519



44, 41.491, 324.519



44, 41.491, 14.519

Sweetspot

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



44, 41.492, 144.519



61, 15.946, 148.276



47, 37.388, 112.203



31, 10.607, 148.166



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, 41.492, 144.519



56, 60.521, 142.746



45, 27.810, 166.611



24, 4.229, 148.863



44, 65.595, 138.462



86, 113.439, 137.631

Inverse Universe

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



32, 41.196, 332.790



39, 59.085, 333.661



31, 31.598, 359.783



23, 4.241, 329.866



27, 59.224, 335.844



57, 99.731, 336.347

Previews

White Background



This preview shows how the CIELCh color 44, 41.491, 144.519 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, 41.491, 144.519 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, 41.491, 144.519

Background



This preview shows how black text looks on a background with the CIELCh color 44, 41.491, 144.519.



This preview shows how white text looks on a background with the CIELCh color 44, 41.491, 144.519.

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, 41.491, 144.519

Protanopia

44, 27.930, 96.333

Deuteranopia

44, 22.916, 74.963



Tritanopia
44, 16.220, 217.385

Trichromacy



Original Color
44, 41.491, 144.519

Protanomaly
43, 30.191, 121.753

Deuteranomaly
43, 24.353, 115.298

Tritanomaly
44, 21.225, 173.608

Monochromacy



Original Color
44, 41.491, 144.519

Achromatopsia
39, 0.005, 296.813

Achromatomaly
40, 15.868, 147.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 41.491, 144.519 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(51, 117, 62)` looks like.

```
.text, #text, p{  
    color:rgb(51, 117, 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(51, 117, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 117, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 41.491, 144.519 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(51, 117, 62) }
```

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

```
.border{ border-color:rgb(51, 117, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 117, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 117, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 117, 62);  
box-shadow:4px 4px 4px 4px rgb(51, 117,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 41.491, 144.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 117, 62) }
```

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

```
.background{ background-color: rgb(51, 117,  
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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