

Converting Colors

CIELCh(44, 34.254, 133.896)

Have a look what the booklet for
CIELCh(44, 34.254, 133.896)
contains.

CIELCh(44, 34.254, 133.896)	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, 34.254, 133.896)

Conversions

Conversions Part 1

Format	Color
Hex	4D723E
RGB	77, 114, 62
RGB Percent	30%, 45%, 24%
CMY	0.6997, 0.5547, 0.7585
CMYK	0.33, 0.00, 0.46, 0.55
HSL	103°, 30%, 34%
HSV	103°, 46%, 45%
XYZ	9.8518, 13.8382, 6.6507
YIQ	97.0090, -5.3600, -24.0160

Conversions

Conversions Part 2

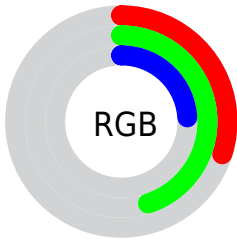
Format	Color
RYB	62, 114, 99
Decimal	5075518
CIELab	44.00, -23.75, 24.68
CIELCh	44, 34.254, 133.896
Yxy	13.8382, 0.3247, 0.4561
Android (android.graphics.Color)	4283265598 (0xFF4D723E)
YUV	97.0090, -17.2594, -17.5479
Hunter-Lab	37.1997, -17.8266, 15.4397

Details

The CIELCh color **44, 34.254, 133.896** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **32, 35.305, 317.944**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 34.330, 133.470**, and **24, 34.586, 133.881** is the 20% darker color. If you saturate the color by 10%, you get **43, 41.268, 133.368**, and if you desaturate by 10%, it is **45, 26.930, 134.439**.

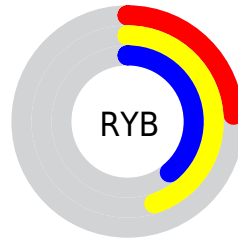
Distribution



Red (30%)

Green (45%)

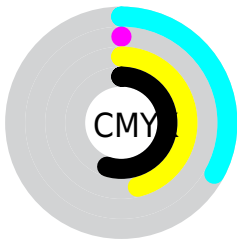
Blue (24%)



Red (24%)

Yellow (45%)

Blue (39%)

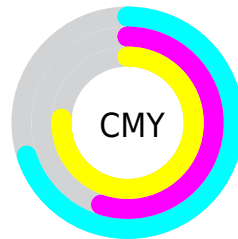


Cyan (33%)

Magenta (0%)

Yellow (46%)

Black (55%)



Cyan (70%)

Magenta (55%)

Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 34.254, 133.896 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, 34.254, 133.896 by changing the saturation by 10% instead.


 44, 34.254,
133.896

 44, 34.254,
133.896

 100, 34.254,
133.896

 34, 34.254,
133.896

 64, 34.254,
133.896


 24, 34.254,
133.896

 74, 34.254,
133.896

 14, 34.254,
133.896

 84, 34.254,
133.896

 4, 34.254, 133.896

 94, 34.254,
133.896

 0, 34.254, 133.896

 44, 34.254,

 44, 34.254,

133.896

133.896

■ 43, 41.268,
133.368

■ 45, 26.930,
134.439

■ 43, 47.780,
132.909

■ 45, 19.436,
134.961

■ 42, 53.540,
132.604

■ 46, 11.874,
135.448

■ 42, 58.258,
132.561

■ 47, 4.320, 135.904

■ 42, 61.822,
132.791

■ 48, 3.171, 316.227

■ 42, 63.257,
132.803

■ 49, 10.560,
316.598

■ 51, 17.819,
316.903

■ 52, 24.932,
317.167

■ 53, 31.886,
317.395

Harmonies

Complementary

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



44, 34.254, 133.896



32, 35.305, 317.944

Rectangle

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



44, 34.254, 133.896



44, 34.254, 183.896



44, 34.254, 313.896



44, 34.254, 3.896

Sweetspot

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



44, 34.255, 133.897



60, 13.091, 135.513



42, 22.990, 88.101



30, 8.984, 135.435



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44, 34.255, 133.897



56, 50.495, 133.334



43, 32.526, 146.842



23, 4.184, 135.758



44, 65.801, 132.880



86, 113.355, 133.583

Inverse Universe

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



32, 35.305, 317.944



39, 52.329, 318.296



34, 32.575, 333.389



22, 4.214, 316.445



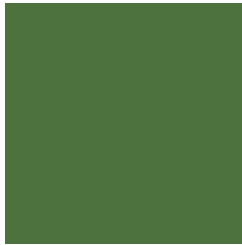
21, 68.239, 318.081



47, 116.875, 317.572

Previews

White Background



This preview shows how the CIELCh color 44, 34.254, 133.896 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, 34.254, 133.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

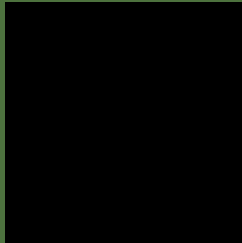
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 34.254, 133.896

Background



This preview shows how black text looks on a background with the CIELCh color 44, 34.254, 133.896.



This preview shows how white text looks on a background with the CIELCh color 44, 34.254, 133.896.

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, 34.254, 133.896

Protanopia

44, 27.381, 96.235

Deuteranopia

44, 23.943, 76.176



Tritanopia
44, 9.410, 233.842

Trichromacy



Original Color
44, 34.254, 133.896

Protanomaly
44, 28.129, 112.746

Deuteranomaly
43, 23.593, 103.311

Tritanomaly
44, 13.185, 161.655

Monochromacy



Original Color
44, 34.254, 133.896

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 12.729, 134.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 34.254, 133.896 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(77, 114, 62)` looks like.

```
.text, #text, p{  
    color:rgb(77, 114, 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(77, 114, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 114, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 34.254, 133.896 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(77, 114, 62) }
```

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

```
.border{ border-color:rgb(77, 114, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 114, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 114, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 114, 62);  
box-shadow:4px 4px 4px 4px rgb(77, 114,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 34.254, 133.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 114, 62) }
```

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

```
.background{ background-color: rgb(77, 114,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor