

Converting Colors

CIELCh(44, 53.244, 135.250)

Have a look what the booklet for
CIELCh(44, 53.244, 135.250)
contains.

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Color

CIELCh(44, 53.111, 135.244)

Conversions

Conversions Part 1

Format	Color
Hex	337624
RGB	51, 118, 36
RGB Percent	20%, 46%, 14%
CMY	0.7992, 0.5365, 0.8581
CMYK	0.57, 0.00, 0.69, 0.54
HSL	109°, 53%, 30%
HSV	109°, 69%, 46%
XYZ	8.1969, 13.8382, 3.9224
YIQ	88.6190, -13.6100, -39.7060

Conversions

Conversions Part 2

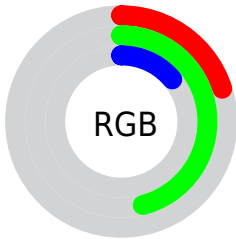
Format	Color
R_{YB}	36, 118, 103
Decimal	3372580
CIE _{Lab}	44.00, -37.71, 37.39
CIE _{LCh}	44, 53.111, 135.244
Yxy	13.8382, 0.3158, 0.5331
Android (android.graphics.Color)	4281562660 (0xFF337624)
YUV	88.6190, -25.9412, -32.9919
Hunter-Lab	37.1997, -25.7673, 19.7881

Details

The CIELCh color **44, 53.111, 135.244** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **28, 53.903, 321.844**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 53.161, 135.079**, and **25, 46.502, 136.352** is the 20% darker color. If you saturate the color by 10%, you get **44, 58.708, 134.789**, and if you desaturate by 10%, it is **45, 46.541, 135.856**.

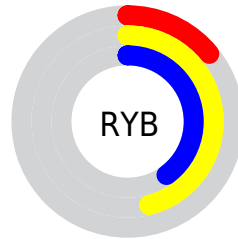
Distribution



Red (20%)

Green (46%)

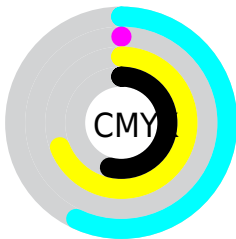
Blue (14%)



Red (14%)

Yellow (46%)

Blue (40%)

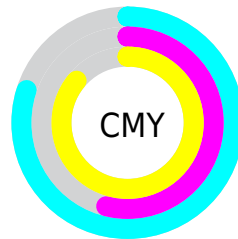


Cyan (57%)

Magenta (0%)

Yellow (69%)

Black (54%)



Cyan (80%)

Magenta (54%)

Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 53.111, 135.244 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, 53.111, 135.244 by changing the saturation by 10% instead.


 44, 53.111,
135.244

 44, 53.111,
135.244

 100, 53.111,
135.244

 34, 53.111,
135.244


 64, 53.111,
135.244

 24, 53.111,
135.244


 74, 53.111,
135.244

 14, 53.111,
135.244

 84, 53.111,
135.244

 4, 53.111, 135.244

 94, 53.111,
135.244

 0, 53.111, 135.244

 44, 53.111,

 44, 53.111,

135.244

135.244

■ 44, 58.708,
134.789

■ 45, 46.541,
135.856

■ 43, 63.017,
134.602

■ 45, 39.292,
136.527

■ 43, 66.270,
134.497

■ 46, 31.603,
137.195

■ 43, 66.465,
134.476

■ 47, 23.659,
137.824

■ 48, 15.597,
138.397

■ 49, 7.521, 138.914

■ 50, 0.495, 319.046

■ 51, 8.395, 319.707

■ 52, 16.143,

Harmonies

Complementary

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



44, 53.111, 135.244



28, 53.903, 321.844

Rectangle

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



44, 53.111, 135.244



44, 53.111, 185.244



44, 53.111, 315.244



44, 53.111, 5.244

Sweetspot

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



44, 53.111, 135.245



60, 20.882, 138.280



44, 38.668, 93.561



31, 14.054, 138.161



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, 53.111, 135.245



56, 73.935, 134.643



44, 44.707, 147.806



24, 4.480, 138.931



45, 68.186, 134.512



86, 116.350, 135.004

Inverse Universe

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



28, 53.903, 321.844



33, 74.501, 321.863



29, 44.305, 340.734



23, 4.503, 319.677



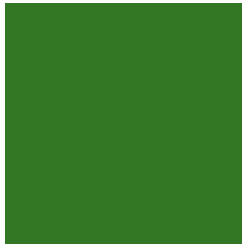
24, 68.186, 321.527



52, 115.757, 321.178

Previews

White Background



This preview shows how the CIELCh color 44, 53.111, 135.244 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, 53.111, 135.244 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, 53.111, 135.244

Background



This preview shows how black text looks on a background with the CIELCh color 44, 53.111, 135.244.



This preview shows how white text looks on a background with the CIELCh color 44, 53.111, 135.244.

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, 53.111, 135.244

Protanopia

44, 40.632, 95.916

Deuteranopia

44, 35.882, 80.093



Tritanopia
44, 15.415, 218.557

Trichromacy



Original Color
44, 53.111, 135.244

Protanomaly
43, 42.300, 115.218

Deuteranomaly
43, 36.427, 107.855

Tritanomaly
44, 24.585, 160.898

Monochromacy



Original Color
44, 53.111, 135.244

Achromatopsia
38, 0.005, 296.813

Achromatomaly
40, 21.159, 138.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 53.111, 135.244 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, 118, 36)` looks like.

```
.text, #text, p{  
    color:rgb(51, 118, 36)  
}
```

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, 118, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 118, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 53.111, 135.244 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, 118, 36) }
```

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

```
.border{ border-color:rgb(51, 118, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 118, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 118, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 118, 36);  
box-shadow:4px 4px 4px 4px rgb(51, 118,  
36) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 53.111, 135.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 118, 36) }
```

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

```
.background{ background-color: rgb(51, 118,  
36) }
```

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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