

Converting Colors

CIELCh(43, 50.550, 136.472)

Have a look what the booklet for
CIELCh(43, 50.550, 136.472)
contains.

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Color

CIELCh(43, 50.443, 136.273)

Conversions

Conversions Part 1

Format	Color
Hex	327327
RGB	50, 115, 39
RGB Percent	20%, 45%, 15%
CMY	0.8028, 0.5479, 0.8460
CMYK	0.56, 0.00, 0.66, 0.55
HSL	111°, 49%, 30%
HSV	111°, 66%, 45%
XYZ	7.8623, 13.1578, 4.0673
YIQ	86.9010, -14.3440, -37.4160

Conversions

Conversions Part 2

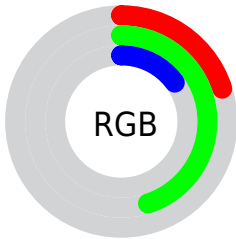
Format	Color
R_{YB}	39, 115, 104
Decimal	3306279
CIE _{Lab}	43.00, -36.45, 34.87
CIE _{LCh}	43, 50.443, 136.273
Yxy	13.1578, 0.3134, 0.5245
Android (android.graphics.Color)	4281496359 (0xFF327327)
YUV	86.9010, -23.6152, -32.3622
Hunter-Lab	36.2736, -24.7890, 18.7435

Details

The CIELCh color **43, 50.443, 136.273** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **29, 50.874, 322.979**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 50.463, 136.431**, and **23, 44.989, 136.570** is the 20% darker color. If you saturate the color by 10%, you get **43, 56.310, 135.654**, and if you desaturate by 10%, it is **44, 43.703, 136.994**.

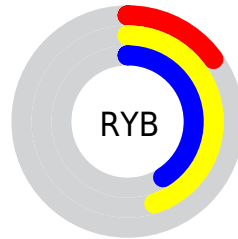
Distribution



Red (20%)

Green (45%)

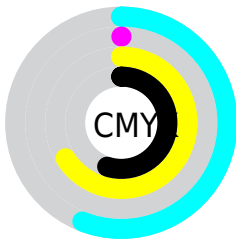
Blue (15%)



Red (15%)

Yellow (45%)

Blue (41%)

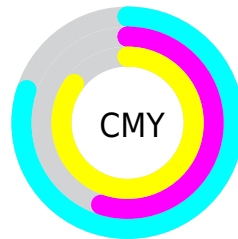


Cyan (56%)

Magenta (0%)

Yellow (66%)

Black (55%)



Cyan (80%)


Magenta (55%)


Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 50.443, 136.273 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 43, 50.443, 136.273 by changing the saturation by 10% instead.


 43, 50.443,
136.273


 43, 50.443,
136.273


 100, 50.443,
136.273

 33, 50.443,
136.273

 63, 50.443,
136.273


 23, 50.443,
136.273

 73, 50.443,
136.273

 13, 50.443,
136.273

 83, 50.443,
136.273

 3, 50.443, 136.273

 93, 50.443,
136.273

 0, 50.443, 136.273

 43, 50.443,

 43, 50.443,

136.273

136.273

■ 43, 56.310,
135.654

■ 44, 43.703,
136.994

■ 42, 60.991,
135.244

■ 44, 36.363,
137.732

■ 42, 64.374,
135.054

■ 45, 28.643,
138.437

■ 42, 65.636,
134.878

■ 46, 20.713,
139.084

■ 47, 12.703,
139.665

■ 48, 4.708, 140.190

■ 49, 3.202, 320.550

■ 50, 10.976,
320.962

■ 52, 18.581,
321.292

Harmonies

Complementary

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



43, 50.443, 136.273



29, 50.874, 322.979

Rectangle

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



43, 50.443, 136.273



43, 50.443, 186.273



43, 50.443, 316.273



43, 50.443, 6.273

Sweetspot

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



43, 50.443, 136.274



60, 19.849, 139.407



44, 37.190, 96.152



31, 13.653, 139.277



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 50.443, 136.274



55, 71.367, 135.411



43, 40.861, 149.654



24, 4.533, 140.029



44, 68.563, 134.933



86, 116.887, 135.348

Inverse Universe

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



29, 50.874, 322.979



34, 71.432, 323.131



29, 41.010, 342.097



23, 4.553, 320.804



25, 67.870, 322.861



53, 115.173, 322.576

Previews

White Background



This preview shows how the CIELCh color 43, 50.443, 136.273 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 43, 50.443, 136.273 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 43, 50.443, 136.273

Background



This preview shows how black text looks on a background with the CIELCh color 43, 50.443, 136.273.



This preview shows how white text looks on a background with the CIELCh color 43, 50.443, 136.273.

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
43, 50.443, 136.273

Protanopia
43, 37.945, 95.590

Deuteranopia
43, 33.545, 80.341



Tritanopia
43, 15.417, 218.610

Trichromacy



Original Color
43, 50.443, 136.273

Protanomaly
42, 39.554, 115.571

Deuteranomaly
42, 34.510, 109.027

Tritanomaly
43, 23.839, 162.997

Monochromacy



Original Color
43, 50.443, 136.273

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 19.261, 138.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 50.443, 136.273 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(50, 115, 39)` looks like.

```
.text, #text, p{  
    color:rgb(50, 115, 39)  
}
```

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(50, 115, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 115, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 50.443, 136.273 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(50, 115, 39) }
```

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

```
.border{ border-color:rgb(50, 115, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 115, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 115, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 115, 39);  
box-shadow:4px 4px 4px 4px rgb(50, 115,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 50.443, 136.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 115, 39) }
```

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

```
.background{ background-color: rgb(50, 115,  
39) }
```

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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