

Converting Colors

CIELCh(43, 36.797, 138.432)

Have a look what the booklet for
CIELCh(43, 36.797, 138.432)
contains.

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Color

CIELCh(43, 36.200, 138.429)

Conversions

Conversions Part 1

Format	Color
Hex	42703C
RGB	66, 112, 60
RGB Percent	26%, 44%, 24%
CMY	0.7399, 0.5595, 0.7635
CMYK	0.41, 0.00, 0.46, 0.56
HSL	113°, 30%, 34%
HSV	113°, 46%, 44%
XYZ	8.9210, 13.1578, 6.3855
YIQ	92.3180, -10.7240, -25.9240

Conversions

Conversions Part 2

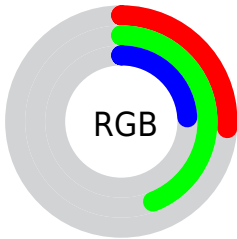
Format	Color
RYB	60, 112, 106
Decimal	4354108
CIELab	43.00, -27.08, 24.02
CIElCh	43, 36.200, 138.429
Yxy	13.1578, 0.3134, 0.4623
Android (android.graphics.Color)	4282544188 (0xFF42703C)
YUV	92.3180, -15.9328, -23.0809
Hunter-Lab	36.2736, -19.5793, 14.9543

Details

The CIELCh color **43, 36.200, 138.429** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **33, 36.488, 323.295**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 36.147, 138.069**, and **23, 36.560, 138.136** is the 20% darker color. If you saturate the color by 10%, you get **42, 43.416, 137.640**, and if you desaturate by 10%, it is **44, 28.593, 139.176**.

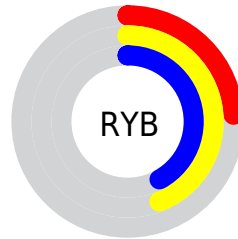
Distribution



Red (26%)

Green (44%)

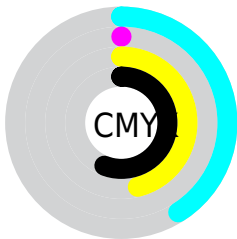
Blue (24%)



Red (24%)

Yellow (44%)

Blue (42%)

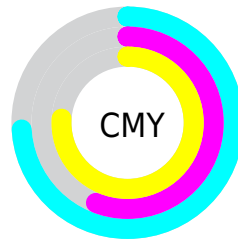


Cyan (41%)

Magenta (0%)

Yellow (46%)

Black (56%)



Cyan (74%)


Magenta (56%)


Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 36.200, 138.429 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, 36.200, 138.429 by changing the saturation by 10% instead.


 43, 36.200,
138.429


 43, 36.200,
138.429


 100, 36.200,
138.429


 33, 36.200,
138.429

 63, 36.200,
138.429


 23, 36.200,
138.429

 73, 36.200,
138.429

 13, 36.200,
138.429

 83, 36.200,
138.429

 3, 36.200, 138.429

 93, 36.200,
138.429

 0, 36.200, 138.429

 43, 36.200,

 43, 36.200,

138.429

138.429

■ 42, 43.416,
137.640

■ 44, 28.593,
139.176

■ 42, 50.018,
136.857

■ 45, 20.765,
139.856

■ 41, 55.734,
136.162

■ 46, 12.850,
140.462

■ 41, 60.260,
135.666

■ 47, 4.947, 141.007

■ 41, 63.534,
135.350

■ 48, 2.870, 321.378

■ 41, 64.654,
135.135

■ 49, 10.550,
321.807

■ 50, 18.059,
322.148

■ 52, 25.375,
322.437

■ 53, 32.486,
322.683

Harmonies

Complementary

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



43, 36.200, 138.429



33, 36.488, 323.295

Rectangle

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



43, 36.200, 138.429



43, 36.200, 188.429



43, 36.200, 318.429



43, 36.200, 8.429

Sweetspot

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



43, 36.201, 138.430



58, 13.607, 140.573



44, 26.989, 100.212



30, 9.474, 140.476



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 36.201, 138.430



54, 53.221, 137.550



43, 28.282, 153.699



23, 4.408, 140.864



43, 67.766, 135.188



85, 116.309, 135.556

Inverse Universe

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



33, 36.488, 323.295



39, 53.560, 323.677



33, 28.939, 341.656



22, 4.424, 321.656



25, 66.644, 323.926



54, 113.894, 323.688

Previews

White Background



This preview shows how the CIE LCh color 43, 36.200, 138.429 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, 36.200, 138.429 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, 36.200, 138.429

Background



This preview shows how black text looks on a background with the CIELCh color 43, 36.200, 138.429.



This preview shows how white text looks on a background with the CIELCh color 43, 36.200, 138.429.

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, 36.200, 138.429

Protanopia

43, 26.940, 95.998

Deuteranopia

43, 23.254, 76.470



Tritanopia
43, 11.750, 225.967

Trichromacy



Original Color
43, 36.200, 138.429

Protanomaly
43, 27.863, 115.694

Deuteranomaly
43, 23.587, 107.796

Tritanomaly
43, 16.002, 168.190

Monochromacy



Original Color
43, 36.200, 138.429

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 13.653, 140.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 36.200, 138.429 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(66, 112, 60)` looks like.

```
.text, #text, p{  
    color:rgb(66, 112, 60)  
}
```

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(66, 112, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 112, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 36.200, 138.429 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(66, 112, 60) }
```

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

```
.border{ border-color:rgb(66, 112, 60) }
```

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

Here you see how a box with a 4 pixel rgb(66, 112, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 112, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 112, 60);  
box-shadow:4px 4px 4px 4px rgb(66, 112,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 36.200, 138.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 112, 60) }
```

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

```
.background{ background-color: rgb(66, 112,  
60) }
```

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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