

Converting Colors

CIELCh(43, 42.365, 142.137)

Have a look what the booklet for
CIELCh(43, 42.365, 142.137)
contains.

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Color

CIELCh(43, 42.781, 141.755)

Conversions

Conversions Part 1

Format	Color
Hex	347338
RGB	52, 115, 56
RGB Percent	20%, 45%, 22%
CMY	0.7979, 0.5508, 0.7820
CMYK	0.55, 0.00, 0.51, 0.55
HSL	124°, 38%, 33%
HSV	124°, 55%, 45%
XYZ	8.1753, 13.1578, 5.7975
YIQ	89.4370, -18.6090, -31.7050

Conversions

Conversions Part 2

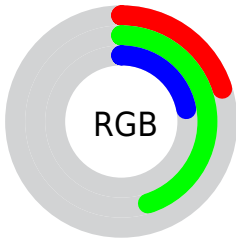
Format	Color
RYB	52, 111, 115
Decimal	3437368
CIELab	43.00, -33.60, 26.48
CIELCh	43, 42.781, 141.755
Yxy	13.1578, 0.3013, 0.4850
Android (android.graphics.Color)	4281627448 (0xFF347338)
YUV	89.4370, -16.4844, -32.8322
Hunter-Lab	36.2736, -23.2489, 15.9153

Details

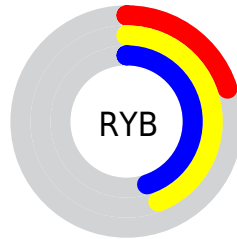
The CIELCh color **43, 42.781, 141.755** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **32, 42.448, 329.112**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 43.148, 141.653**, and **23, 41.608, 139.669** is the 20% darker color. If you saturate the color by 10%, you get **42, 49.452, 140.588**, and if you desaturate by 10%, it is **44, 35.506, 142.827**.

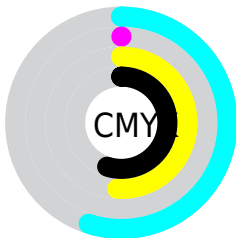
Distribution



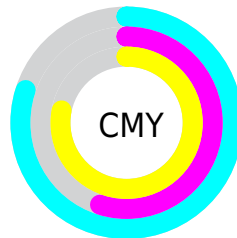
- Red (20%)
- Green (45%)
- Blue (22%)



- Red (20%)
- Yellow (44%)
- Blue (45%)



- Cyan (55%)
- Magenta (0%)
- Yellow (51%)
- Black (55%)





- Cyan (80%)
- Magenta (55%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 42.781, 141.755 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, 42.781, 141.755 by changing the saturation by 10% instead.

 43, 42.781,
141.755


 43, 42.781,
141.755


 100, 42.781,
141.755


 33, 42.781,
141.755

 63, 42.781,
141.755


 23, 42.781,
141.755

 73, 42.781,
141.755

 13, 42.781,
141.755

 83, 42.781,
141.755

 3, 42.781, 141.755

 93, 42.781,
141.755

 0, 42.781, 141.755

 43, 42.781,

 43, 42.781,

141.755

■ 42, 49.452,
140.588

■ 42, 55.290,
139.375

■ 42, 60.051,
138.202

■ 42, 63.544,
137.218

■ 41, 64.909,
136.923

141.755

■ 44, 35.506,
142.827

■ 44, 27.829,
143.781

■ 45, 19.923,
144.616

■ 46, 11.929,
145.340

■ 48, 3.956, 145.989

■ 49, 3.914, 326.426

■ 50, 11.622,
326.911

■ 52, 19.131,
327.308

■ 53, 26.419,
327.647

Harmonies

Complementary

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



43, 42.781, 141.755



32, 42.448, 329.112

Rectangle

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



43, 42.781, 141.755



43, 42.781, 191.755



43, 42.781, 321.755



43, 42.781, 11.755

Sweetspot

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



43, 42.782, 141.755



59, 16.671, 145.174



47, 35.685, 107.625



30, 11.084, 145.073



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, 42.782, 141.755



54, 61.444, 140.268



44, 29.228, 160.733



23, 4.378, 145.735



43, 67.114, 136.878



85, 115.955, 136.400

Inverse Universe

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



32, 42.448, 329.112



39, 60.306, 329.686



31, 31.491, 352.581



22, 4.386, 326.674



27, 62.986, 330.863



58, 107.273, 331.024

Previews

White Background



This preview shows how the CIELCh color 43, 42.781, 141.755 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 43, 42.781, 141.755 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, 42.781, 141.755

Background



This preview shows how black text looks on a background with the CIELCh color 43, 42.781, 141.755.



This preview shows how white text looks on a background with the CIELCh color 43, 42.781, 141.755.

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, 42.781, 141.755

Protanopia

43, 29.761, 95.524

Deuteranopia

43, 25.387, 76.202



Tritanopia
43, 15.417, 218.610

Trichromacy



Original Color
43, 42.781, 141.755

Protanomaly
42, 31.634, 119.207

Deuteranomaly
42, 26.559, 112.281

Tritanomaly
43, 20.767, 171.141

Monochromacy



Original Color
43, 42.781, 141.755

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 16.181, 145.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 42.781, 141.755 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(52, 115, 56)` looks like.

```
.text, #text, p{  
    color:rgb(52, 115, 56)  
}
```

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(52, 115, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 115, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 42.781, 141.755 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(52, 115, 56) }
```

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

```
.border{ border-color:rgb(52, 115, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 115, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 115, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 115, 56);  
box-shadow:4px 4px 4px 4px rgb(52, 115,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 42.781, 141.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 115, 56) }
```

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

```
.background{ background-color: rgb(52, 115,  
56) }
```

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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