

Converting Colors

CIELCh(43, 32.831, 143.584)

Have a look what the booklet for
CIELCh(43, 32.831, 143.584)
contains.

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Color

CIELCh(43, 32.831, 143.584)

Conversions

Conversions Part 1

Format	Color
Hex	407044
RGB	64, 112, 68
RGB Percent	25%, 44%, 27%
CMY	0.7481, 0.5599, 0.7325
CMYK	0.43, 0.00, 0.39, 0.56
HSL	125°, 27%, 35%
HSV	125°, 43%, 44%
XYZ	8.9992, 13.1578, 7.5688
YIQ	92.6320, -14.4840, -23.8600

Conversions

Conversions Part 2

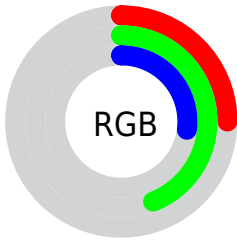
Format	Color
RYB	64, 108, 112
Decimal	4223044
CIELab	43.00, -26.42, 19.49
CIElCh	43, 32.831, 143.584
Yxy	13.1578, 0.3027, 0.4426
Android (android.graphics.Color)	4282413124 (0xFF407044)
YUV	92.6320, -12.1436, -25.1103
Hunter-Lab	36.2736, -19.1942, 13.0202

Details

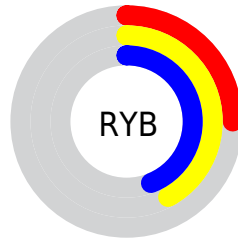
The CIELCh color **43, 32.831, 143.584** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **34, 32.773, 329.086**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 32.649, 143.963**, and **23, 33.046, 143.750** is the 20% darker color. If you saturate the color by 10%, you get **42, 40.014, 142.530**, and if you desaturate by 10%, it is **44, 25.310, 144.515**.

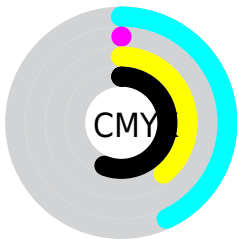
Distribution



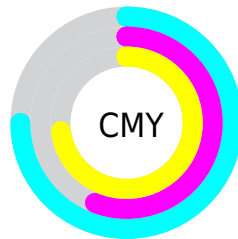
- Red (25%)
- Green (44%)
- Blue (27%)



- Red (25%)
- Yellow (42%)
- Blue (44%)



- Cyan (43%)
- Magenta (0%)
- Yellow (39%)
- Black (56%)





- Cyan (75%)
- Magenta (56%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 32.831, 143.584 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, 32.831, 143.584 by changing the saturation by 10% instead.


 43, 32.831,
143.584


 43, 32.831,
143.584


 100, 32.831,
143.584


 33, 32.831,
143.584

 63, 32.831,
143.584


 23, 32.831,
143.584

 73, 32.831,
143.584

 13, 32.831,
143.584

 83, 32.831,
143.584

 3, 32.831, 143.584

 93, 32.831,
143.584

 0, 32.831, 143.584

 43, 32.831,

 43, 32.831,

143.584

■ 42, 40.014,
142.530

■ 42, 46.675,
141.365

■ 41, 52.608,
140.126

■ 41, 57.593,
138.879

■ 41, 61.424,
137.736

■ 41, 63.535,
137.208

143.584

■ 44, 25.310,
144.515

■ 45, 17.604,
145.327

■ 46, 9.841, 146.033

■ 47, 2.119, 146.700

■ 48, 5.489, 327.097

■ 50, 12.932,
327.560

■ 51, 20.178,
327.948

■ 53, 27.206,
328.282

■ 54, 34.009,

Harmonies

Complementary

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



43, 32.831, 143.584



34, 32.773, 329.086

Rectangle

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



43, 32.831, 143.584



43, 32.831, 193.584



43, 32.831, 323.584



43, 32.831, 13.584

Sweetspot

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



43, 32.832, 143.584



58, 12.383, 145.996



46, 27.796, 109.324



30, 8.740, 145.875



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, 32.832, 143.584



54, 47.832, 142.580



44, 22.550, 163.264



23, 4.321, 146.278



43, 66.717, 137.124



85, 115.515, 136.557

Inverse Universe

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



34, 32.773, 329.086



42, 47.541, 329.585



34, 24.131, 351.808



22, 4.330, 327.225



27, 62.100, 331.697



57, 105.679, 331.914

Previews

White Background



This preview shows how the CIELCh color 43, 32.831, 143.584 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, 32.831, 143.584 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, 32.831, 143.584

Background



This preview shows how black text looks on a background with the CIELCh color 43, 32.831, 143.584.



This preview shows how white text looks on a background with the CIELCh color 43, 32.831, 143.584.

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, 32.831, 143.584

Protanopia

43, 22.361, 96.013

Deuteranopia

43, 18.596, 72.770



Tritanopia
43, 12.738, 220.515

Trichromacy



Original Color
43, 32.831, 143.584

Protanomaly
42, 23.642, 120.089

Deuteranomaly
43, 19.036, 111.459

Tritanomaly
43, 16.572, 173.844

Monochromacy



Original Color
43, 32.831, 143.584

Achromatopsia
39, 0.006, 296.813

Achromatomaly
41, 12.134, 145.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 32.831, 143.584 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(64, 112, 68)` looks like.

```
.text, #text, p{  
    color:rgb(64, 112, 68)  
}
```

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(64, 112, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 112, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 32.831, 143.584 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(64, 112, 68) }
```

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

```
.border{ border-color:rgb(64, 112, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 112, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 112, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 112, 68);  
box-shadow:4px 4px 4px 4px rgb(64, 112,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 32.831, 143.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 112, 68) }
```

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

```
.background{ background-color: rgb(64, 112,  
68) }
```

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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