

Converting Colors

CIELCh(43, 31.665, 324.791)

Have a look what the booklet for
CIELCh(43, 31.665, 324.791)
contains.

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Color

CIELCh(43, 31.431, 324.927)

Conversions

Conversions Part 1

Format	Color
Hex	825784
RGB	130, 87, 132
RGB Percent	51%, 34%, 52%
CMY	0.4913, 0.6598, 0.4834
CMYK	0.02, 0.34, 0.00, 0.48
HSL	297°, 21%, 43%
HSV	297°, 34%, 52%
XYZ	16.6979, 13.1578, 23.3925
YIQ	104.9870, 11.1830, 23.1110

Conversions

Conversions Part 2

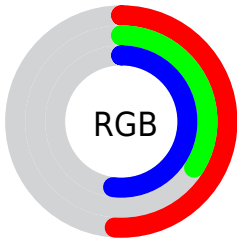
Format	Color
R_{YB}	130, 87, 132
Decimal	8542084
CIE Lab	43.00, 25.72, -18.06
CIE LCh	43, 31.431, 324.927
Yxy	13.1578, 0.3136, 0.2471
Android (android.graphics.Color)	4286732164 (0xFF825784)
YUV	104.9870, 13.3174, 21.9364
Hunter-Lab	36.2736, 18.6902, -12.8441

Details

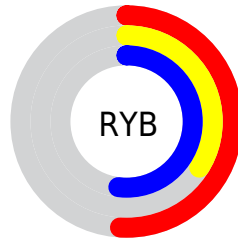
The CIELCh color $43, 31.431, 324.927$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $51, 31.360, 141.047$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 31.119, 325.205$, and $23, 31.406, 325.464$ is the 20% darker color. If you saturate the color by 10%, you get $40, 40.279, 325.379$, and if you desaturate by 10%, it is $46, 22.271, 324.443$.

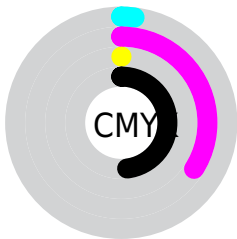
Distribution



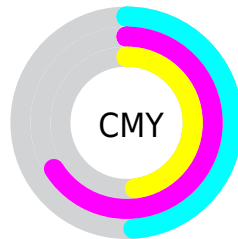
- Red (51%)
- Green (34%)
- Blue (52%)



- Red (51%)
- Yellow (34%)
- Blue (52%)



- Cyan (2%)
- Magenta (34%)
- Yellow (0%)
- Black (48%)





- Cyan (49%)
- Magenta (66%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 31.431, 324.927 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, 31.431, 324.927 by changing the saturation by 10% instead.


 43, 31.431,
324.927


 43, 31.431,
324.927


 100, 31.431,
324.927


 33, 31.431,
324.927

 63, 31.431,
324.927


 23, 31.431,
324.927

 73, 31.431,
324.927

 13, 31.431,
324.927


 83, 31.431,
324.927

 3, 31.431, 324.927

 93, 31.431,
324.927

 0, 31.431, 324.927

 43, 31.431,

 43, 31.431,

324.927

40, 40.279,
325.379

37, 48.549,
325.782

35, 55.917,
326.115

33, 62.039,
326.361

31, 66.620,
326.502

30, 69.535,
326.533

30, 70.933,
326.532

324.927

46, 22.271,
324.443

50, 13.011,
323.941

54, 3.793, 323.407

57, 5.284, 142.998

61, 14.159,
142.498

65, 22.798,
142.035

69, 31.185,
141.598

73, 39.314,
141.186

■ 76, 47.191,
140.801

Harmonies

Complementary

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



43, 31.431, 324.927



51, 31.360, 141.047

Rectangle

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



43, 31.431, 324.927



43, 31.431, 14.927



43, 31.431, 144.927



43, 31.431, 194.927

Sweetspot

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



43, 31.429, 324.927



65, 11.349, 323.739



39, 26.148, 292.394



34, 7.809, 323.801



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



43, 31.429, 324.927



52, 46.384, 325.282



42, 23.486, 343.983



26, 5.200, 323.682



29, 70.278, 326.534



0, 1.238, 323.246

Inverse Universe

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



42, 20.014, 18.906



51, 30.419, 20.072



51, 22.779, 158.037



26, 3.052, 16.269



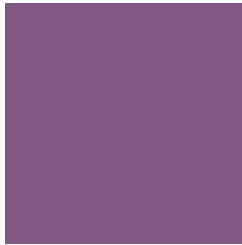
26, 60.780, 36.733



0, 0.709, 15.703

Previews

White Background



This preview shows how the CIELCh color 43, 31.431, 324.927 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, 31.431, 324.927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

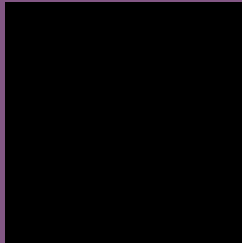
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 31.431, 324.927

Background



This preview shows how black text looks on a background with the CIELCh color 43, 31.431, 324.927.



This preview shows how white text looks on a background with the CIELCh color 43, 31.431, 324.927.

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, 31.431, 324.927

Protanopia

43, 25.401, 285.372

Deuteranopia

43, 17.465, 289.071



Tritanopia
43, 14.266, 4.433

Trichromacy



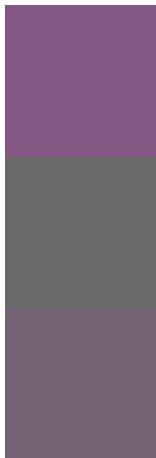
Original Color
43, 31.431, 324.927

Protanomaly
43, 26.226, 300.812

Deuteranomaly
43, 21.844, 306.936

Tritanomaly
43, 19.318, 341.670

Monochromacy



Original Color
43, 31.431, 324.927

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 12.111, 323.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 31.431, 324.927 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(130, 87, 132)` looks like.

```
.text, #text, p{  
    color:rgb(130, 87, 132)  
}
```

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(130, 87, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 87, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 31.431, 324.927 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(130, 87, 132) }
```

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

```
.border{ border-color:rgb(130, 87, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 87, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 87, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 87, 132);  
box-shadow:4px 4px 4px 4px rgb(130, 87,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 31.431, 324.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 87, 132) }
```

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

```
.background{ background-color: rgb(130, 87,  
132) }
```

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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