

Converting Colors

CIELCh(43, 28.662, 326.644)

Have a look what the booklet for
CIELCh(43, 28.662, 326.644)
contains.

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Color

CIELCh(43, 28.650, 326.773)

Conversions

Conversions Part 1

Format	Color
Hex	815880
RGB	129, 88, 128
RGB Percent	51%, 35%, 50%
CMY	0.4948, 0.6556, 0.4987
CMYK	0.00, 0.32, 0.01, 0.49
HSL	301°, 19%, 42%
HSV	301°, 32%, 51%
XYZ	16.3854, 13.1578, 22.0359
YIQ	104.8190, 11.5960, 21.1320

Conversions

Conversions Part 2

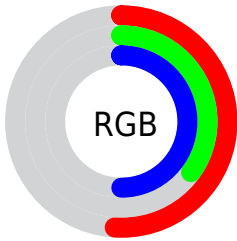
Format	Color
R_{YB}	129, 88, 128
Decimal	8476800
CIE _{Lab}	43.00, 23.97, -15.70
CIE _{LCh}	43, 28.650, 326.773
Yxy	13.1578, 0.3177, 0.2551
Android (android.graphics.Color)	4286666880 (0xFF815880)
YUV	104.8190, 11.4282, 21.2067
Hunter-Lab	36.2736, 17.1525, -10.6266

Details

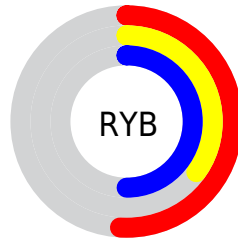
The CIELCh color $43, 28.650, 326.773$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $50, 28.653, 142.932$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 28.483, 327.005$, and $23, 29.023, 326.745$ is the 20% darker color. If you saturate the color by 10%, you get $40, 37.335, 327.278$, and if you desaturate by 10%, it is $46, 19.680, 326.246$.

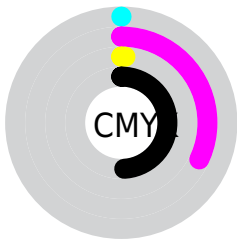
Distribution



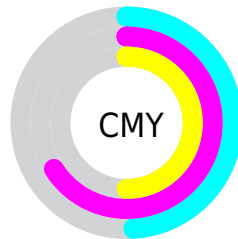
- Red (51%)
- Green (35%)
- Blue (50%)



- Red (51%)
- Yellow (35%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (1%)
- Black (49%)



- Cyan (49%)
- Magenta (66%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 28.650, 326.773 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, 28.650, 326.773 by changing the saturation by 10% instead.

 43, 28.650,
326.773


 43, 28.650,
326.773


 100, 28.650,
326.773

 33, 28.650,
326.773

 63, 28.650,
326.773

 23, 28.650,
326.773

 73, 28.650,
326.773

 13, 28.650,
326.773

 83, 28.650,
326.773

 3, 28.650, 326.773

 93, 28.650,
326.773

 0, 28.650, 326.773

 43, 28.650,

 43, 28.650,

326.773

40, 37.335,
327.278

37, 45.484,
327.747

35, 52.786,
328.168

33, 58.910,
328.529

31, 63.568,
328.820

30, 66.593,
329.041

30, 68.369,
329.192

326.773

46, 19.680,
326.246

50, 10.627,
325.705

53, 1.628, 325.075


57, 7.224, 144.696

61, 15.871,
144.175

64, 24.280,
143.684

68, 32.438,
143.218

72, 40.341,
142.778

 76, 47.995,
142.364

Harmonies

Complementary

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



43, 28.650, 326.773



50, 28.653, 142.932

Rectangle

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



43, 28.650, 326.773



43, 28.650, 16.773



43, 28.650, 146.773



43, 28.650, 196.773

Sweetspot

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



43, 28.648, 326.773



65, 11.180, 325.618



39, 25.145, 294.503



33, 7.597, 325.683



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 28.648, 326.773



53, 42.353, 327.133



42, 20.631, 347.471



25, 5.018, 325.555



29, 67.866, 329.191



0, 0.000, 0.000

Inverse Universe

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



43, 28.648, 326.773



53, 42.353, 327.133



50, 19.804, 161.680



25, 5.018, 325.555



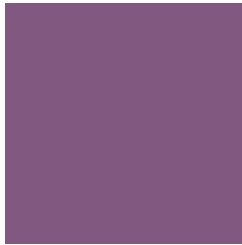
29, 67.866, 329.191



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 28.650, 326.773 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, 28.650, 326.773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

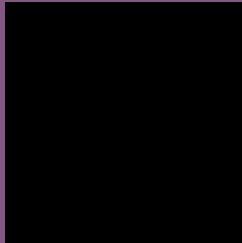
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 28.650, 326.773

Background



This preview shows how black text looks on a background with the CIELCh color 43, 28.650, 326.773.



This preview shows how white text looks on a background with the CIELCh color 43, 28.650, 326.773.

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, 28.650, 326.773

Protanopia

43, 21.799, 284.087

Deuteranopia

43, 15.652, 292.408



Tritanopia
43, 14.266, 4.433

Trichromacy



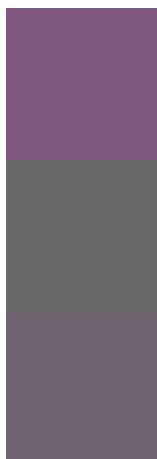
Original Color
43, 28.650, 326.773

Protanomaly
43, 23.227, 301.479

Deuteranomaly
43, 19.507, 308.543

Tritanomaly
43, 18.319, 343.720

Monochromacy



Original Color
43, 28.650, 326.773

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 10.404, 326.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 28.650, 326.773 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(129, 88, 128)` looks like.

```
.text, #text, p{  
    color:rgb(129, 88, 128)  
}
```

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(129, 88, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 88, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 28.650, 326.773 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(129, 88, 128) }
```

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

```
.border{ border-color:rgb(129, 88, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 88, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 88, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 88, 128);  
box-shadow:4px 4px 4px 4px rgb(129, 88,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 28.650, 326.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 88, 128) }
```

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

```
.background{ background-color: rgb(129, 88,  
128) }
```

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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