

Converting Colors

CIELCh(43, 20.911, 343.620)

Have a look what the booklet for
CIELCh(43, 20.911, 343.620)
contains.

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Color

CIELCh(43, 20.930, 343.639)

Conversions

Conversions Part 1

Format	Color
Hex	825A70
RGB	130, 90, 112
RGB Percent	51%, 35%, 44%
CMY	0.4913, 0.6480, 0.5618
CMYK	0.00, 0.31, 0.14, 0.49
HSL	327°, 18%, 43%
HSV	327°, 31%, 51%
XYZ	15.7089, 13.1578, 16.9648
YIQ	104.4680, 16.7780, 15.3220

Conversions

Conversions Part 2

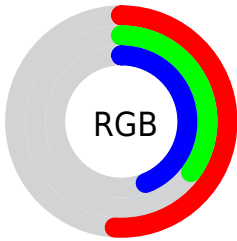
Format	Color
R_{YB}	130, 90, 112
Decimal	8542832
CIE _{Lab}	43.00, 20.08, -5.90
CIE _{LCh}	43, 20.930, 343.639
Yxy	13.1578, 0.3428, 0.2871
Android (android.graphics.Color)	4286732912 (0xFF825A70)
YUV	104.4680, 3.7133, 22.3916
Hunter-Lab	36.2736, 13.8237, -2.3377

Details

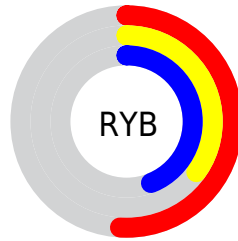
The CIELCh color $[43, 20.930, 343.639]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[51, 20.350, 158.391]$, and the grayscale version is $[44, 0.006, 296.813]$.

A 20% lighter version of the original color is $[63, 20.856, 343.800]$, and $[23, 21.228, 344.036]$ is the 20% darker color. If you saturate the color by 10%, you get $[40, 27.669, 344.687]$, and if you desaturate by 10%, it is $[47, 14.075, 342.703]$.

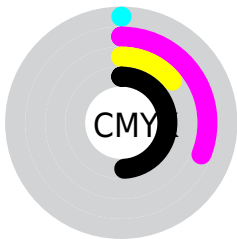
Distribution



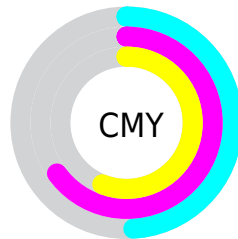
- Red (51%)
- Green (35%)
- Blue (44%)



- Red (51%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (31%)
- Yellow (14%)
- Black (49%)





- Cyan (49%)
- Magenta (65%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 20.930, 343.639 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, 20.930, 343.639 by changing the saturation by 10% instead.


 43, 20.930,
343.639


 43, 20.930,
343.639


 100, 20.930,
343.639


 33, 20.930,
343.639

 63, 20.930,
343.639


 23, 20.930,
343.639

 73, 20.930,
343.639

 13, 20.930,
343.639

 83, 20.930,
343.639

 3, 20.930, 343.639

 93, 20.930,
343.639

 0, 20.930, 343.639

 43, 20.930,

 43, 20.930,

343.639

343.639

40, 27.669,
344.687

47, 14.075,
342.703

37, 34.092,
345.879

50, 7.251, 341.842

34, 39.929,
347.270

54, 0.546, 340.595

58, 5.988, 160.450

31, 44.857,
348.933

62, 12.325,
159.770

29, 48.564,
350.969

65, 18.455,
159.153

28, 50.838,
353.504

69, 24.380,
158.582

27, 52.166,
356.146

73, 30.108,
158.049

77, 35.649,

Harmonies

Complementary

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



43, 20.930, 343.639



51, 20.350, 158.391

Rectangle

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



43, 20.930, 343.639



43, 20.930, 33.639



43, 20.930, 163.639



43, 20.930, 213.639

Sweetspot

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



43, 20.928, 343.640



65, 7.451, 341.707



41, 25.209, 308.291



33, 5.160, 341.811



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, 20.928, 343.640



52, 31.068, 344.362



42, 17.620, 16.759



25, 3.718, 341.697



27, 51.532, 356.079



0, 0.000, 0.000

Inverse Universe

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



43, 20.928, 343.640



52, 31.068, 344.362



51, 14.769, 191.825



25, 3.718, 341.697



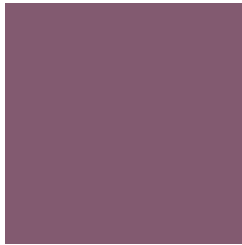
27, 51.532, 356.079



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 43, 20.930, 343.639 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, 20.930, 343.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

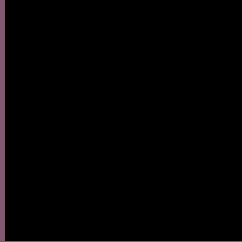
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 20.930, 343.639

Background



This preview shows how black text looks on a background with the CIELCh color 43, 20.930, 343.639.



This preview shows how white text looks on a background with the CIELCh color 43, 20.930, 343.639.

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, 20.930, 343.639

Protanopia

43, 10.868, 285.681

Deuteranopia

43, 7.597, 319.757



Tritanopia
43, 15.971, 6.590

Trichromacy



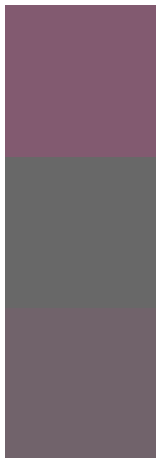
Original Color
43, 20.930, 343.639

Protanomaly
43, 12.618, 315.879

Deuteranomaly
43, 12.187, 333.404

Tritanomaly
43, 17.738, 356.128

Monochromacy



Original Color
43, 20.930, 343.639

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 7.536, 340.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 20.930, 343.639 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, 90, 112)` looks like.

```
.text, #text, p{  
    color:rgb(130, 90, 112)  
}
```

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, 90, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 90, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 20.930, 343.639 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, 90, 112) }
```

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

```
.border{ border-color:rgb(130, 90, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 90, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 90, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 90, 112);  
box-shadow:4px 4px 4px 4px rgb(130, 90,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 20.930, 343.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 90, 112) }
```

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

```
.background{ background-color: rgb(130, 90,  
112) }
```

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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