

Converting Colors

CIELCh(43, 21.190, 348.313)

Have a look what the booklet for
CIELCh(43, 21.190, 348.313)
contains.

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Color

CIELCh(43, 21.331, 348.643)

Conversions

Conversions Part 1

Format	Color
Hex	84596D
RGB	132, 89, 109
RGB Percent	52%, 35%, 43%
CMY	0.4823, 0.6509, 0.5725
CMYK	0.00, 0.33, 0.17, 0.48
HSL	332°, 19%, 43%
HSV	332°, 33%, 52%
XYZ	15.8521, 13.1578, 16.1756
YIQ	104.1370, 19.2080, 15.3360

Conversions

Conversions Part 2

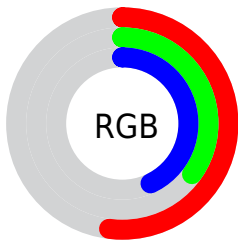
Format	Color
R _Y B	132, 89, 109
Decimal	8673645
CIE Lab	43.00, 20.91, -4.20
CIE LCh	43, 21.331, 348.643
Yxy	13.1578, 0.3508, 0.2912
Android (android.graphics.Color)	4286863725 (0xFF84596D)
YUV	104.1370, 2.3975, 24.4359
Hunter-Lab	36.2736, 14.5280, -1.0479

Details

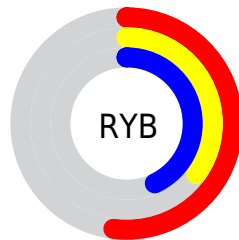
The CIELCh color $43, 21.331, 348.643$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $52, 20.372, 162.578$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 20.970, 349.677$, and $23, 21.594, 347.366$ is the 20% darker color. If you saturate the color by 10%, you get $40, 27.877, 349.881$, and if you desaturate by 10%, it is $47, 14.687, 347.565$.

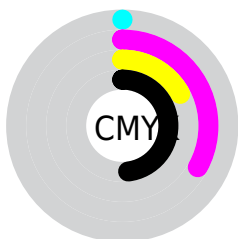
Distribution



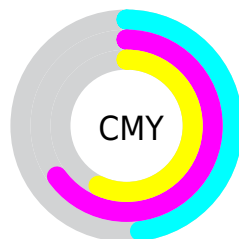
- Red (52%)
- Green (35%)
- Blue (43%)



- Red (52%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (33%)
- Yellow (17%)
- Black (48%)



- Cyan (48%)
- Magenta (65%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 21.331, 348.643 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, 21.331, 348.643 by changing the saturation by 10% instead.


 43, 21.331,
348.643


 43, 21.331,
348.643


 100, 21.331,
348.643


 33, 21.331,
348.643

 63, 21.331,
348.643


 23, 21.331,
348.643

 73, 21.331,
348.643

 13, 21.331,
348.643

 83, 21.331,
348.643

 3, 21.331, 348.643

 93, 21.331,
348.643

 0, 21.331, 348.643

 43, 21.331,

 43, 21.331,

348.643

40, 27.877,
349.881

36, 34.126,
351.329

34, 39.803,
353.067

31, 44.595,
355.201

29, 48.213,
357.867

28, 50.502, 1.221

27, 51.851, 3.935

348.643

47, 14.687,
347.565

50, 8.093, 346.598

54, 1.636, 345.595

58, 4.636, 165.077

62, 10.697,
164.333

66, 16.543,
163.674

70, 22.176,
163.069

74, 27.606,
162.510

78, 32.847,

Harmonies

Complementary

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



43, 21.331, 348.643



52, 20.372, 162.578

Rectangle

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



43, 21.331, 348.643



43, 21.331, 38.643



43, 21.331, 168.643



43, 21.331, 218.643

Sweetspot

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



43, 21.329, 348.645



65, 7.926, 346.381



42, 27.488, 311.699



34, 5.458, 346.492



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, 21.329, 348.645



52, 31.554, 349.529



43, 18.578, 24.544



26, 3.629, 346.280



27, 51.297, 3.863



0, 0.859, 345.572

Inverse Universe

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



43, 21.329, 348.645



52, 31.554, 349.529



52, 14.912, 201.150



26, 3.629, 346.280



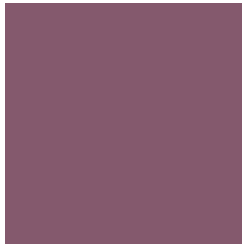
27, 51.297, 3.863



0, 0.859, 345.572

Previews

White Background



This preview shows how the CIELCh color 43, 21.331, 348.643 looks on a white background.

Color Contrast Check

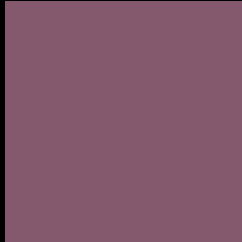
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.331, 348.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

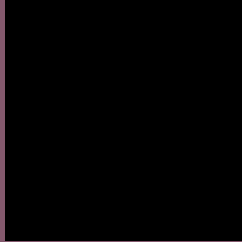
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 21.331, 348.643

Background



This preview shows how black text looks on a background with the CIELCh color 43, 21.331, 348.643.



This preview shows how white text looks on a background with the CIELCh color 43, 21.331, 348.643.

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, 21.331, 348.643

Protanopia

43, 9.645, 286.972

Deuteranopia

43, 6.354, 331.035



Tritanopia
43, 17.701, 8.398

Trichromacy



Original Color
43, 21.331, 348.643

Protanomaly
43, 11.728, 320.137

Deuteranomaly
43, 11.988, 340.452

Tritanomaly
43, 18.750, 359.815

Monochromacy



Original Color
43, 21.331, 348.643

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 7.522, 346.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 21.331, 348.643 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(132, 89, 109)` looks like.

```
.text, #text, p{  
    color:rgb(132, 89, 109)  
}
```

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(132, 89, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 89, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 21.331, 348.643 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(132, 89, 109) }
```

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

```
.border{ border-color:rgb(132, 89, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 89, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 89, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 89, 109);  
box-shadow:4px 4px 4px 4px rgb(132, 89,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 21.331, 348.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 89, 109) }
```

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

```
.background{ background-color: rgb(132, 89,  
109) }
```

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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