

Converting Colors

CIELCh(43, 20.265, 343.672)

Have a look what the booklet for
CIELCh(43, 20.265, 343.672)
contains.

CIELCh(43, 20.285, 344.203)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 20.285, 344.203)

Conversions

Conversions Part 1

Format	Color
Hex	815A6F
RGB	129, 90, 111
RGB Percent	51%, 35%, 44%
CMY	0.4937, 0.6466, 0.5643
CMYK	0.00, 0.30, 0.14, 0.49
HSL	328°, 18%, 43%
HSV	328°, 30%, 51%
XYZ	15.6123, 13.1578, 16.7887
YIQ	104.0550, 16.5030, 14.7990

Conversions

Conversions Part 2

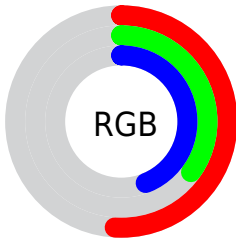
Format	Color
R_{YB}	129, 90, 111
Decimal	8477295
CIE Lab	43.00, 19.52, -5.52
CIE LCh	43, 20.285, 344.203
Yxy	13.1578, 0.3427, 0.2888
Android (android.graphics.Color)	4286667375 (0xFF815A6F)
YUV	104.0550, 3.4239, 21.8768
Hunter-Lab	36.2736, 13.3483, -2.0499

Details

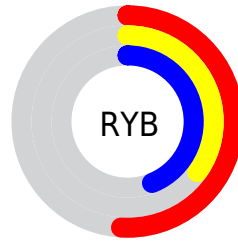
The CIELCh color $43, 20.285, 344.203$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $51, 19.697, 159.023$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 20.578, 343.095$, and $23, 19.856, 345.185$ is the 20% darker color. If you saturate the color by 10%, you get $40, 26.971, 345.263$, and if you desaturate by 10%, it is $47, 13.501, 343.258$.

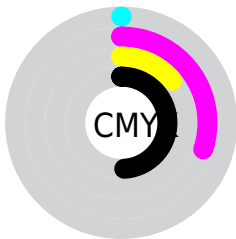
Distribution



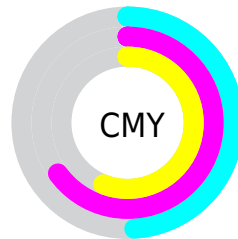
- Red (51%)
- Green (35%)
- Blue (44%)



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



- Cyan (0%)
- Magenta (30%)
- Yellow (14%)
- Black (49%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 20.285, 344.203 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, 20.285, 344.203 by changing the saturation by 10% instead.


 43, 20.285,
344.203


 43, 20.285,
344.203


 100, 20.285,
344.203


 33, 20.285,
344.203

 63, 20.285,
344.203


 23, 20.285,
344.203

 73, 20.285,
344.203

 13, 20.285,
344.203

 83, 20.285,
344.203

 3, 20.285, 344.203

 93, 20.285,
344.203

 0, 20.285, 344.203

 43, 20.285,

 43, 20.285,

344.203

40, 26.971,
345.263

37, 33.365,
346.472

34, 39.204,
347.885

31, 44.171,
349.578

29, 47.953,
351.654

28, 50.333,
354.242

27, 51.798,
357.152

344.203

47, 13.501,
343.258

50, 6.758, 342.388

54, 0.141, 339.636

58, 6.302, 160.989

62, 12.546,
160.309

65, 18.583,
159.690

69, 24.417,
159.118

73, 30.054,
158.585

77, 35.508,

Harmonies

Complementary

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



43, 20.285, 344.203



51, 19.697, 159.023

Rectangle

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



43, 20.285, 344.203



43, 20.285, 34.203



43, 20.285, 164.203



43, 20.285, 214.203

Sweetspot

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



43, 20.283, 344.204



65, 7.392, 342.303



41, 24.653, 308.812



33, 5.119, 342.409



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, 20.283, 344.204



53, 30.024, 344.892



42, 17.188, 17.964



25, 3.688, 342.293



27, 51.338, 357.101



0, 0.000, 0.000

Inverse Universe

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



43, 20.283, 344.204



53, 30.024, 344.892



51, 14.371, 193.371



25, 3.688, 342.293



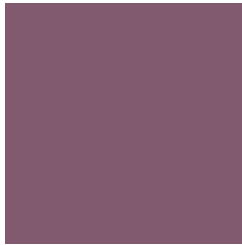
27, 51.338, 357.101



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 43, 20.285, 344.203 looks on a white background.

Color Contrast Check

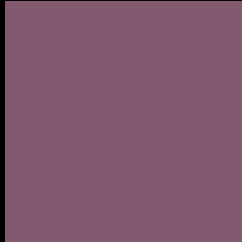
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.285, 344.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

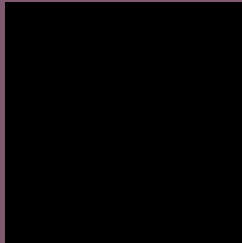
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 20.285, 344.203

Background



This preview shows how black text looks on a background with the CIELCh color 43, 20.285, 344.203.



This preview shows how white text looks on a background with the CIELCh color 43, 20.285, 344.203.

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, 20.285, 344.203

Protanopia

43, 10.243, 287.343

Deuteranopia

43, 7.081, 322.113



Tritanopia
43, 15.971, 6.590

Trichromacy



Original Color
43, 20.285, 344.203

Protanomaly
43, 12.077, 317.054

Deuteranomaly
43, 11.764, 335.408

Tritanomaly
43, 17.150, 357.273

Monochromacy



Original Color
43, 20.285, 344.203

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, 20.285, 344.203 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, 90, 111)` looks like.

```
.text, #text, p{  
    color:rgb(129, 90, 111)  
}
```

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, 90, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 90, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 20.285, 344.203 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, 90, 111) }
```

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

```
.border{ border-color:rgb(129, 90, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 90, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 90, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 90, 111);  
box-shadow:4px 4px 4px 4px rgb(129, 90,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 20.285, 344.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 90, 111) }
```

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

```
.background{ background-color: rgb(129, 90,  
111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor