

Converting Colors

CIELCh(44, 17.356, 343.293)

Have a look what the booklet for
CIELCh(44, 17.356, 343.293)
contains.

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Color

CIELCh(44, 17.921, 342.767)

Conversions

Conversions Part 1

Format	Color
Hex	805E71
RGB	128, 94, 113
RGB Percent	50%, 37%, 44%
CMY	0.4973, 0.6307, 0.5561
CMYK	0.00, 0.27, 0.12, 0.50
HSL	326°, 15%, 44%
HSV	326°, 27%, 50%
XYZ	15.9410, 13.8382, 17.5085
YIQ	106.3320, 14.1650, 13.1170

Conversions

Conversions Part 2

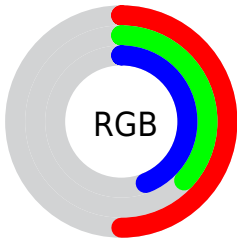
Format	Color
R_{YB}	128, 94, 113
Decimal	8412785
CIE _{Lab}	44.00, 17.12, -5.31
CIE _{LCh}	44, 17.921, 342.767
Yxy	13.8382, 0.3371, 0.2926
Android (android.graphics.Color)	4286602865 (0xFF805E71)
YUV	106.3320, 3.2873, 19.0028
Hunter-Lab	37.1997, 11.3919, -1.8657

Details

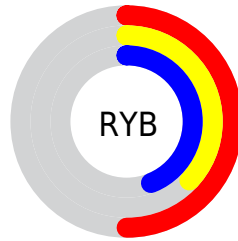
The CIELCh color $44, 17.921, 342.767$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $51, 17.506, 158.406$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 17.713, 342.386$, and $24, 18.076, 342.674$ is the 20% darker color. If you saturate the color by 10%, you get $41, 24.695, 343.749$, and if you desaturate by 10%, it is $48, 11.096, 341.880$.

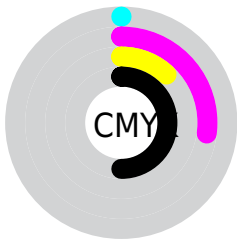
Distribution



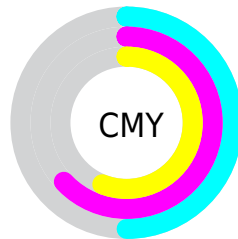
- Red (50%)
- Green (37%)
- Blue (44%)



- Red (50%)
- Yellow (37%)
- Blue (44%)



- Cyan (0%)
- Magenta (27%)
- Yellow (12%)
- Black (50%)



- Cyan (50%)
- Magenta (63%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 17.921, 342.767 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 44, 17.921, 342.767 by changing the saturation by 10% instead.


 44, 17.921,
342.767


 44, 17.921,
342.767


 100, 17.921,
342.767


 34, 17.921,
342.767

 64, 17.921,
342.767


 24, 17.921,
342.767

 74, 17.921,
342.767

 14, 17.921,
342.767


 84, 17.921,
342.767

 4, 17.921, 342.767

 94, 17.921,
342.767

 0, 17.921, 342.767

 44, 17.921,

 44, 17.921,

342.767

342.767

41, 24.695,
343.749

48, 11.096,
341.880

37, 31.248,
344.852

51, 4.342, 341.041

35, 37.338,
346.123

55, 2.271, 160.492

59, 8.702, 159.723

32, 42.663,
347.621

63, 14.932,
159.078

30, 46.900,
349.433

66, 20.959,
158.486

28, 49.781,
351.670

70, 26.784,
157.934

27, 51.363,
354.389

74, 32.419,
157.420

27, 51.886,
355.346

78, 37.874,

156.938

Harmonies

Complementary

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



44, 17.921, 342.767



51, 17.506, 158.406

Rectangle

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



44, 17.921, 342.767



44, 17.921, 32.767



44, 17.921, 162.767



44, 17.921, 212.767

Sweetspot

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



44, 17.919, 342.768



64, 6.574, 341.182



43, 21.367, 308.042



33, 4.715, 341.293



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



44, 17.919, 342.768



54, 26.702, 343.364



44, 14.819, 16.226



25, 3.741, 341.258



27, 51.689, 355.325



0, 0.000, 0.000

Inverse Universe

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



44, 17.919, 342.768



54, 26.702, 343.364



51, 12.763, 192.117



25, 3.741, 341.258



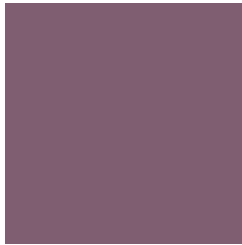
27, 51.689, 355.325



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 17.921, 342.767 looks on a white background.

Color Contrast Check

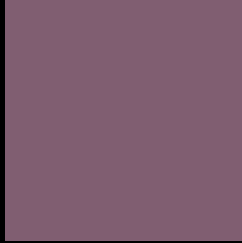
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 17.921, 342.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

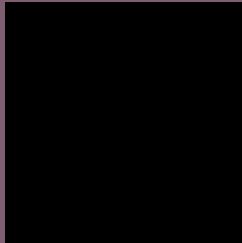
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 17.921, 342.767

Background



This preview shows how black text looks on a background with the CIELCh color 44, 17.921, 342.767.



This preview shows how white text looks on a background with the CIELCh color 44, 17.921, 342.767.

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

44, 17.921, 342.767

Protanopia

44, 9.596, 289.235

Deuteranopia

44, 7.776, 322.405



Tritanopia
44, 13.776, 3.764

Trichromacy



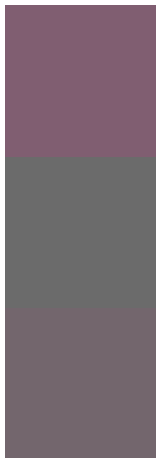
Original Color
44, 17.921, 342.767

Protanomaly
44, 11.313, 316.492

Deuteranomaly
44, 10.728, 334.373

Tritanomaly
44, 15.142, 353.416

Monochromacy



Original Color
44, 17.921, 342.767

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 6.812, 342.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 17.921, 342.767 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(128, 94, 113)` looks like.

```
.text, #text, p{  
    color:rgb(128, 94, 113)  
}
```

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(128, 94, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 94, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 17.921, 342.767 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(128, 94, 113) }
```

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

```
.border{ border-color:rgb(128, 94, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 94, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 94, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 94, 113);  
box-shadow:4px 4px 4px 4px rgb(128, 94,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 17.921, 342.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 94, 113) }
```

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

```
.background{ background-color: rgb(128, 94,  
113) }
```

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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