

Converting Colors

CIELCh(44, 21.970, 346.208)

Have a look what the booklet for
CIELCh(44, 21.970, 346.208)
contains.

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Color

CIELCh(44, 22.184, 346.608)

Conversions

Conversions Part 1

Format	Color
Hex	875B71
RGB	135, 91, 113
RGB Percent	53%, 36%, 44%
CMY	0.4704, 0.6429, 0.5567
CMYK	0.00, 0.33, 0.16, 0.47
HSL	330°, 19%, 44%
HSV	330°, 33%, 53%
XYZ	16.7278, 13.8382, 17.4259
YIQ	106.6640, 19.1620, 16.1700

Conversions

Conversions Part 2

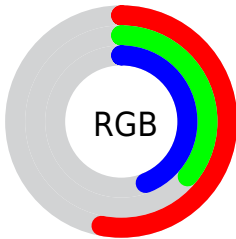
Format	Color
R_{YB}	135, 91, 113
Decimal	8870769
CIE _{Lab}	44.00, 21.58, -5.14
CIE _{LCh}	44, 22.184, 346.608
Yxy	13.8382, 0.3486, 0.2883
Android (android.graphics.Color)	4287060849 (0xFF875B71)
YUV	106.6640, 3.1236, 24.8507
Hunter-Lab	37.1997, 15.1676, -1.7341

Details

The CIELCh color $44, 22.184, 346.608$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $53, 21.342, 160.705$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 22.065, 346.472$, and $24, 22.166, 346.621$ is the 20% darker color. If you saturate the color by 10%, you get $41, 28.946, 347.782$, and if you desaturate by 10%, it is $48, 15.297, 345.577$.

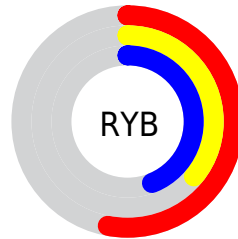
Distribution



Red (53%)

Green (36%)

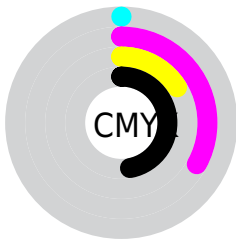
Blue (44%)



Red (53%)

Yellow (36%)

Blue (44%)

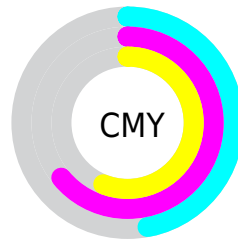


Cyan (0%)

Magenta (33%)

Yellow (16%)

Black (47%)



Cyan (47%)

Magenta (64%)

Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 22.184, 346.608 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, 22.184, 346.608 by changing the saturation by 10% instead.

 44, 22.184,
346.608

 44, 22.184,
346.608

 100, 22.184,
346.608

 34, 22.184,
346.608

 64, 22.184,
346.608

 24, 22.184,
346.608

 74, 22.184,
346.608

 14, 22.184,
346.608

 84, 22.184,
346.608

 4, 22.184, 346.608

 94, 22.184,
346.608

 0, 22.184, 346.608

 44, 22.184,

 44, 22.184,

346.608

346.608

41, 28.946,
347.782

48, 15.297,
345.577

37, 35.372,
349.144

51, 8.443, 344.646

35, 41.173,
350.765

55, 1.714, 343.679

59, 4.834, 163.166

32, 46.022,
352.741

63, 11.173,
162.438

30, 49.613,
355.200

67, 17.295,
161.790

29, 51.779,
358.288

71, 23.202,
161.194

28, 52.966, 0.806

75, 28.903,
160.641

79, 34.410,

Harmonies

Complementary

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



44, 22.184, 346.608



53, 21.342, 160.705

Rectangle

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



44, 22.184, 346.608



44, 22.184, 36.608



44, 22.184, 166.608



44, 22.184, 216.608

Sweetspot

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



44, 22.182, 346.609



67, 8.307, 344.436



42, 27.872, 310.607



35, 5.720, 344.545



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



44, 22.182, 346.609



54, 32.945, 347.448



43, 19.525, 22.092



26, 3.713, 344.337



27, 51.558, 0.641



0, 0.880, 343.649

Inverse Universe

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



44, 22.182, 346.609



54, 32.945, 347.448



53, 15.728, 197.862



26, 3.713, 344.337



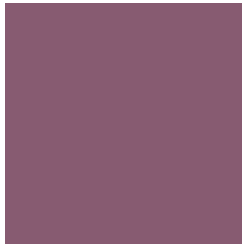
27, 51.558, 0.641



0, 0.880, 343.649

Previews

White Background



This preview shows how the CIELCh color 44, 22.184, 346.608 looks on a white background.

Color Contrast Check

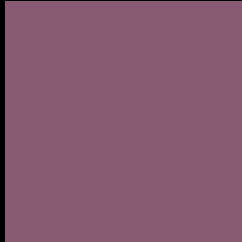
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 22.184, 346.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

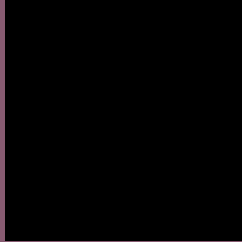
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 22.184, 346.608

Background



This preview shows how black text looks on a background with the CIELCh color 44, 22.184, 346.608.



This preview shows how white text looks on a background with the CIELCh color 44, 22.184, 346.608.

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, 22.184, 346.608

Protanopia

44, 10.805, 287.651

Deuteranopia

44, 7.277, 324.885



Tritanopia
44, 18.063, 8.741

Trichromacy



Original Color
44, 22.184, 346.608

Protanomaly
44, 12.743, 317.533

Deuteranomaly
44, 13.018, 337.618

Tritanomaly
44, 19.253, 358.640

Monochromacy



Original Color
44, 22.184, 346.608

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 8.166, 344.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 22.184, 346.608 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(135, 91, 113)` looks like.

```
.text, #text, p{  
    color:rgb(135, 91, 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(135, 91, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 91, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 22.184, 346.608 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(135, 91, 113) }
```

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

```
.border{ border-color:rgb(135, 91, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 91, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 91, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 91, 113);  
box-shadow:4px 4px 4px 4px rgb(135, 91,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 22.184, 346.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 91, 113) }
```

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

```
.background{ background-color: rgb(135, 91,  
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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