

Converting Colors

CIELCh(44, 22.629, 333.642)

Have a look what the booklet for
CIELCh(44, 22.629, 333.642)
contains.

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Color

CIELCh(44, 22.944, 333.724)

Conversions

Conversions Part 1

Format	Color
Hex	825C79
RGB	130, 92, 121
RGB Percent	51%, 36%, 47%
CMY	0.4893, 0.6384, 0.5247
CMYK	0.00, 0.29, 0.07, 0.49
HSL	314°, 17%, 44%
HSV	314°, 29%, 51%
XYZ	16.5480, 13.8382, 19.9557
YIQ	106.6680, 13.3390, 17.0750

Conversions

Conversions Part 2

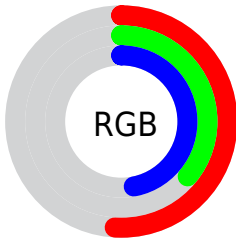
Format	Color
R_{YB}	130, 92, 121
Decimal	8543353
CIE _{Lab}	44.00, 20.57, -10.16
CIE _{LCh}	44, 22.944, 333.724
Yxy	13.8382, 0.3287, 0.2749
Android (android.graphics.Color)	4286733433 (0xFF825C79)
YUV	106.6680, 7.0657, 20.4622
Hunter-Lab	37.1997, 14.3049, -5.7662

Details

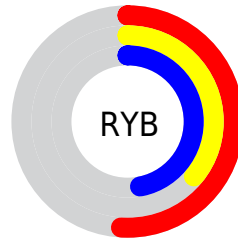
The CIELCh color $44, 22.944, 333.724$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $51, 22.801, 149.704$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 22.472, 333.774$, and $24, 22.984, 334.242$ is the 20% darker color. If you saturate the color by 10%, you get $41, 30.649, 334.430$, and if you desaturate by 10%, it is $47, 15.065, 333.047$.

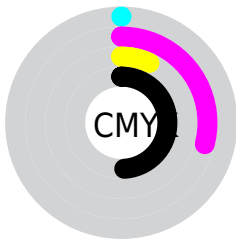
Distribution



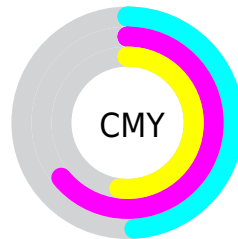
- Red (51%)
- Green (36%)
- Blue (47%)



- Red (51%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (7%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 22.944, 333.724 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, 22.944, 333.724 by changing the saturation by 10% instead.

 44, 22.944,
333.724

 44, 22.944,
333.724


 100, 22.944,
333.724

 34, 22.944,
333.724

 64, 22.944,
333.724

 24, 22.944,
333.724

 74, 22.944,
333.724

 14, 22.944,
333.724

 84, 22.944,
333.724

 4, 22.944, 333.724

 94, 22.944,
333.724

 0, 22.944, 333.724

 44, 22.944,

 44, 22.944,

333.724

333.724

41, 30.649,
334.430

47, 15.065,
333.047

38, 37.965,
335.170

51, 7.175, 332.388

35, 44.602,
335.954

55, 0.621, 152.182

59, 8.257, 151.250

33, 50.229,
336.798

62, 15.698,
150.681

31, 54.514,
337.729

66, 22.926,
150.148

30, 57.212,
338.784

70, 29.935,
149.647

29, 58.677,
339.954

74, 36.731,
149.173

29, 58.795,
340.048

78, 43.321,

Harmonies

Complementary

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



44, 22.944, 333.724



51, 22.801, 149.704

Rectangle

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



44, 22.944, 333.724



44, 22.944, 23.724



44, 22.944, 153.724



44, 22.944, 203.724

Sweetspot

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



44, 22.942, 333.725



65, 8.667, 332.389



41, 23.378, 301.426



33, 5.999, 332.471



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, 22.942, 333.725



54, 33.843, 334.187



43, 17.190, 1.395



26, 4.469, 332.385



29, 58.742, 340.046



0, 1.063, 331.850

Inverse Universe

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



44, 22.942, 333.725



54, 33.843, 334.187



51, 15.657, 175.592



26, 4.469, 332.385



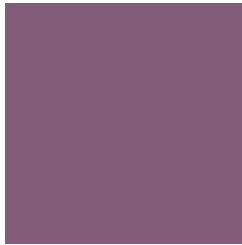
29, 58.742, 340.046



0, 1.063, 331.850

Previews

White Background



This preview shows how the CIELCh color 44, 22.944, 333.724 looks on a white background.

Color Contrast Check

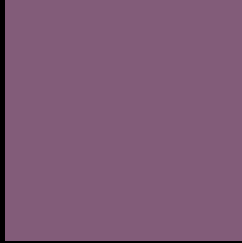
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.944, 333.724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

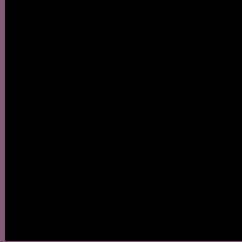
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 22.944, 333.724

Background



This preview shows how black text looks on a background with the CIELCh color 44, 22.944, 333.724.



This preview shows how white text looks on a background with the CIELCh color 44, 22.944, 333.724.

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, 22.944, 333.724

Protanopia

44, 15.644, 285.633

Deuteranopia

44, 10.416, 302.419



Tritanopia
44, 14.189, 4.365

Trichromacy



Original Color
44, 22.944, 333.724

Protanomaly
44, 16.826, 306.862

Deuteranomaly
44, 14.873, 318.743

Tritanomaly
44, 16.647, 349.382

Monochromacy



Original Color
44, 22.944, 333.724

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 8.016, 332.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 22.944, 333.724 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, 92, 121)` looks like.

```
.text, #text, p{  
    color:rgb(130, 92, 121)  
}
```

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, 92, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 92, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 22.944, 333.724 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, 92, 121) }
```

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

```
.border{ border-color:rgb(130, 92, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 92, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 92, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 92, 121);  
box-shadow:4px 4px 4px 4px rgb(130, 92,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 22.944, 333.724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 92, 121) }
```

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

```
.background{ background-color: rgb(130, 92,  
121) }
```

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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