

Converting Colors

CIELCh(44, 30.960, 329.671)

Have a look what the booklet for
CIELCh(44, 30.960, 329.671)
contains.

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Color

CIELCh(44, 30.966, 330.078)

Conversions

Conversions Part 1

Format	Color
Hex	885882
RGB	136, 88, 130
RGB Percent	53%, 35%, 51%
CMY	0.4665, 0.6547, 0.4900
CMYK	0.00, 0.35, 0.04, 0.47
HSL	308°, 21%, 44%
HSV	308°, 35%, 53%
XYZ	17.6872, 13.8382, 22.8748
YIQ	107.1400, 15.1260, 23.2380

Conversions

Conversions Part 2

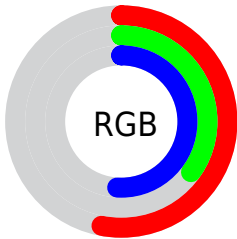
Format	Color
R_{YB}	136, 88, 130
Decimal	8935554
CIE _{Lab}	44.00, 26.84, -15.45
CIE _{LCh}	44, 30.966, 330.078
Yxy	13.8382, 0.3251, 0.2544
Android (android.graphics.Color)	4287125634 (0xFF885882)
YUV	107.1400, 11.2700, 25.3102
Hunter-Lab	37.1997, 19.7713, -10.4188

Details

The CIELCh color **44, 30.966, 330.078** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **52, 30.935, 145.463**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 30.778, 330.028**, and **24, 31.019, 329.722** is the 20% darker color. If you saturate the color by 10%, you get **41, 39.309, 330.666**, and if you desaturate by 10%, it is **47, 22.265, 329.488**.

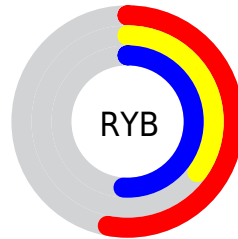
Distribution



Red (53%)

Green (35%)

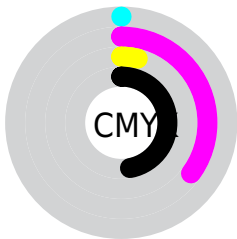
Blue (51%)



Red (53%)

Yellow (35%)

Blue (51%)

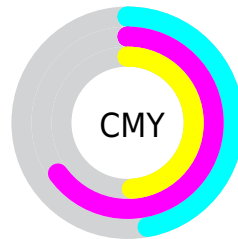


Cyan (0%)

Magenta (35%)

Yellow (4%)

Black (47%)



Cyan (47%)


Magenta (65%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 30.966, 330.078 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, 30.966, 330.078 by changing the saturation by 10% instead.


 44, 30.966,
330.078


 44, 30.966,
330.078


 100, 30.966,
330.078

 34, 30.966,
330.078

 64, 30.966,
330.078


 24, 30.966,
330.078

 74, 30.966,
330.078

 14, 30.966,
330.078

 84, 30.966,
330.078

 4, 30.966, 330.078

 94, 30.966,
330.078

 0, 30.966, 330.078

 44, 30.966,

 44, 30.966,

330.078

41, 39.309,
330.666

38, 47.015,
331.246

36, 53.744,
331.816

34, 59.146,
332.375

32, 62.935,
332.933

31, 65.048,
333.502

31, 65.848,
333.769

330.078

47, 22.265,
329.488

51, 13.431,
328.898

55, 4.617, 328.295

59, 4.073, 147.839

62, 12.575,
147.265

66, 20.852,
146.744

70, 28.888,
146.250

74, 36.680,
145.782

■ 78, 44.232,
145.340

Harmonies

Complementary

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



44, 30.966, 330.078



52, 30.935, 145.463

Rectangle

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



44, 30.966, 330.078



44, 30.966, 20.078



44, 30.966, 150.078



44, 30.966, 200.078

Sweetspot

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



44, 30.964, 330.078



67, 11.903, 328.659



40, 29.441, 298.218



34, 8.066, 328.728



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, 30.964, 330.078



54, 45.133, 330.527



43, 22.729, 354.147



27, 4.992, 328.536



30, 64.649, 333.753



0, 2.304, 328.041

Inverse Universe

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



44, 30.964, 330.078



54, 45.133, 330.527



53, 21.140, 167.036



27, 4.992, 328.536



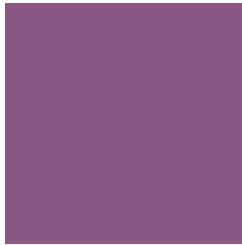
30, 64.649, 333.753



0, 2.304, 328.041

Previews

White Background



This preview shows how the CIELCh color 44, 30.966, 330.078 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, 30.966, 330.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

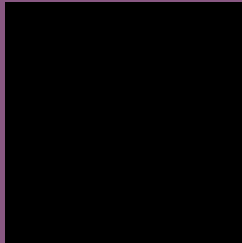
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 30.966, 330.078

Background



This preview shows how black text looks on a background with the CIELCh color 44, 30.966, 330.078.



This preview shows how white text looks on a background with the CIELCh color 44, 30.966, 330.078.

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, 30.966, 330.078

Protanopia

44, 22.861, 285.542

Deuteranopia

44, 15.011, 293.716



Tritanopia
44, 16.757, 7.464

Trichromacy



Original Color
44, 30.966, 330.078

Protanomaly
44, 23.845, 303.034

Deuteranomaly
44, 19.928, 312.858

Tritanomaly
44, 20.567, 347.113

Monochromacy



Original Color
44, 30.966, 330.078

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 11.586, 330.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 30.966, 330.078 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(136, 88, 130)` looks like.

```
.text, #text, p{  
    color:rgb(136, 88, 130)  
}
```

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(136, 88, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 88, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 30.966, 330.078 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(136, 88, 130) }
```

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

```
.border{ border-color:rgb(136, 88, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 88, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 88, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 88, 130);  
box-shadow:4px 4px 4px 4px rgb(136, 88,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 30.966, 330.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 88, 130) }
```

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

```
.background{ background-color: rgb(136, 88,  
130) }
```

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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