

Converting Colors

CIELCh(44, 30.179, 332.771)

Have a look what the booklet for
CIELCh(44, 30.179, 332.771)
contains.

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Color

CIELCh(44, 29.895, 332.923)

Conversions

Conversions Part 1

Format	Color
Hex	89587F
RGB	137, 88, 127
RGB Percent	54%, 35%, 50%
CMY	0.4626, 0.6548, 0.5018
CMYK	0.00, 0.36, 0.07, 0.46
HSL	312°, 22%, 44%
HSV	312°, 36%, 54%
XYZ	17.6464, 13.8382, 21.8299
YIQ	107.0970, 16.6850, 22.5170

Conversions

Conversions Part 2

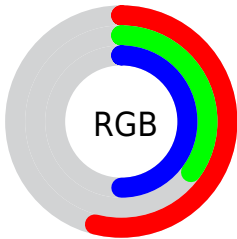
Format	Color
R_{YB}	137, 88, 127
Decimal	9001087
CIE _{Lab}	44.00, 26.62, -13.61
CIE _{LCh}	44, 29.895, 332.923
Yxy	13.8382, 0.3310, 0.2596
Android (android.graphics.Color)	4287191167 (0xFF89587F)
YUV	107.0970, 9.8122, 26.2249
Hunter-Lab	37.1997, 19.5752, -8.7533

Details

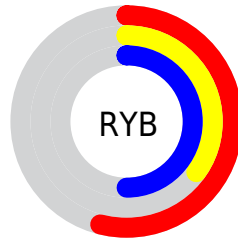
The CIELCh color $44, 29.895, 332.923$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $53, 29.770, 147.936$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 29.778, 332.681$, and $24, 29.825, 332.851$ is the 20% darker color. If you saturate the color by 10%, you get $41, 37.846, 333.608$, and if you desaturate by 10%, it is $47, 21.600, 332.260$.

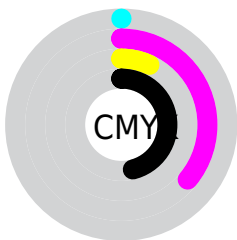
Distribution



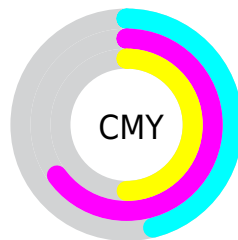
- Red (54%)
- Green (35%)
- Blue (50%)



- Red (54%)
- Yellow (35%)
- Blue (50%)



- Cyan (0%)
- Magenta (36%)
- Yellow (7%)
- Black (46%)



- Cyan (46%)
- Magenta (65%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 29.895, 332.923 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, 29.895, 332.923 by changing the saturation by 10% instead.


 44, 29.895,
332.923

 44, 29.895,
332.923


 100, 29.895,
332.923

 34, 29.895,
332.923

 64, 29.895,
332.923

 24, 29.895,
332.923

 74, 29.895,
332.923

 14, 29.895,
332.923

 84, 29.895,
332.923

 4, 29.895, 332.923

 94, 29.895,
332.923

 0, 29.895, 332.923

 44, 29.895,

 44, 29.895,

332.923

332.923

■ 41, 37.846,
333.608

■ 47, 21.600,
332.260

■ 38, 45.175,
334.318

■ 51, 13.182,
331.614

■ 35, 51.541,
335.062

■ 55, 4.788, 330.968

■ 33, 56.587,
335.854

■ 59, 3.483, 150.494

■ 32, 60.021,
336.721

■ 63, 11.570,
149.882

■ 31, 61.798,
337.690

■ 67, 19.441,
149.336

■ 30, 62.402,
338.108

■ 71, 27.082,
148.821

■ 75, 34.490,
148.336

■ 79, 41.672,
147.877

Harmonies

Complementary

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



44, 29.895, 332.923



53, 29.770, 147.936

Rectangle

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



44, 29.895, 332.923



44, 29.895, 22.923



44, 29.895, 152.923



44, 29.895, 202.923

Sweetspot

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



44, 29.893, 332.923



68, 11.391, 331.326



40, 30.155, 300.962



34, 7.629, 331.399



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, 29.893, 332.923



54, 44.248, 333.483



43, 22.408, 359.945



27, 4.721, 331.193



29, 60.961, 338.070



0, 2.178, 330.669

Inverse Universe

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



44, 29.893, 332.923



54, 44.248, 333.483



53, 20.212, 172.480



27, 4.721, 331.193



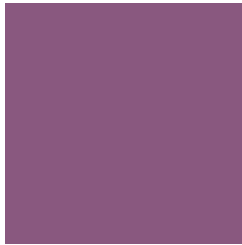
29, 60.961, 338.070



0, 2.178, 330.669

Previews

White Background



This preview shows how the CIELCh color 44, 29.895, 332.923 looks on a white background.

Color Contrast Check

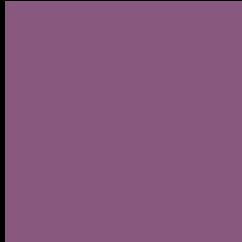
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.895, 332.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

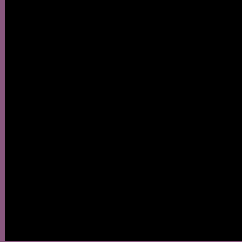
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 29.895, 332.923

Background



This preview shows how black text looks on a background with the CIELCh color 44, 29.895, 332.923.



This preview shows how white text looks on a background with the CIELCh color 44, 29.895, 332.923.

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, 29.895, 332.923

Protanopia

44, 21.062, 285.456

Deuteranopia

44, 13.270, 296.976



Tritanopia
44, 18.063, 8.741

Trichromacy



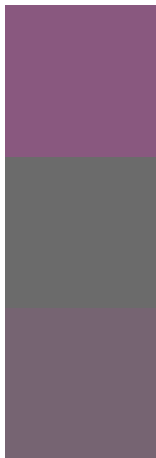
Original Color
44, 29.895, 332.923

Protanomaly
44, 22.159, 304.662

Deuteranomaly
44, 18.578, 317.095

Tritanomaly
44, 21.345, 350.687

Monochromacy



Original Color
44, 29.895, 332.923

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 11.141, 332.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 29.895, 332.923 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(137, 88, 127)` looks like.

```
.text, #text, p{  
    color:rgb(137, 88, 127)  
}
```

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(137, 88, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 88, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 29.895, 332.923 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(137, 88, 127) }
```

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

```
.border{ border-color:rgb(137, 88, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 88, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 88, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 88, 127);  
box-shadow:4px 4px 4px 4px rgb(137, 88,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 29.895, 332.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 88, 127) }
```

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

```
.background{ background-color: rgb(137, 88,  
127) }
```

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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