

Converting Colors

CIELCh(44, 29.007, 350.673)

Have a look what the booklet for
CIELCh(44, 29.007, 350.673)
contains.

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Color

CIELCh(44, 29.007, 350.673)

Conversions

Conversions Part 1

Format	Color
Hex	925671
RGB	146, 86, 113
RGB Percent	57%, 34%, 44%
CMY	0.4293, 0.6644, 0.5586
CMYK	0.00, 0.41, 0.23, 0.43
HSL	333°, 26%, 45%
HSV	333°, 41%, 57%
XYZ	18.0211, 13.8382, 17.2164
YIQ	107.0180, 27.0930, 21.1170

Conversions

Conversions Part 2

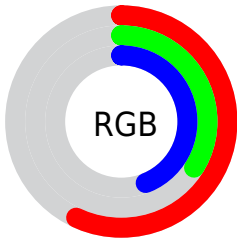
Format	Color
R_{YB}	146, 86, 113
Decimal	9590385
CIE _{Lab}	44.00, 28.62, -4.70
CIE _{LCh}	44, 29.007, 350.673
Yxy	13.8382, 0.3672, 0.2820
Android (android.graphics.Color)	4287780465 (0xFF925671)
YUV	107.0180, 2.9491, 34.1872
Hunter-Lab	37.1997, 21.3735, -1.4002

Details

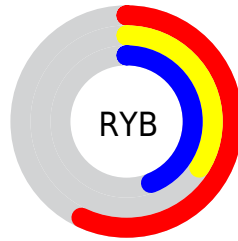
The CIELCh color $44, 29.007, 350.673$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 27.270, 162.369$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 28.944, 350.366$, and $24, 29.242, 351.002$ is the 20% darker color. If you saturate the color by 10%, you get $41, 35.789, 352.151$, and if you desaturate by 10%, it is $48, 21.933, 349.418$.

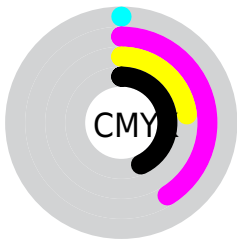
Distribution



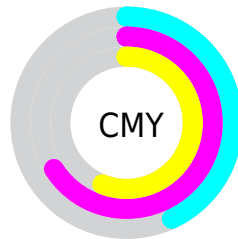
- Red (57%)
- Green (34%)
- Blue (44%)



- Red (57%)
- Yellow (34%)
- Blue (44%)



- Cyan (0%)
- Magenta (41%)
- Yellow (23%)
- Black (43%)



- Cyan (43%)
- Magenta (66%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 29.007, 350.673 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, 29.007, 350.673 by changing the saturation by 10% instead.


 44, 29.007,
350.673


 44, 29.007,
350.673


 100, 29.007,
350.673

 34, 29.007,
350.673

 64, 29.007,
350.673

 24, 29.007,
350.673

 74, 29.007,
350.673

 14, 29.007,
350.673

 84, 29.007,
350.673

 4, 29.007, 350.673

 94, 29.007,
350.673

 0, 29.007, 350.673

 44, 29.007,

 44, 29.007,

350.673

350.673

41, 35.789,
352.151

48, 21.933,
349.418

37, 41.996,
353.927

52, 14.791,
348.323

35, 47.286,
356.115

56, 7.723, 347.342

33, 51.339,
358.857

60, 0.819, 346.116

64, 5.873, 165.804

31, 53.975, 2.314

68, 12.330,
165.065

31, 55.592, 5.797

73, 18.550,
164.404

77, 24.537,
163.798

81, 30.306,

Harmonies

Complementary

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



44, 29.007, 350.673



56, 27.270, 162.369

Rectangle

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



44, 29.007, 350.673



44, 29.007, 40.673



44, 29.007, 170.673



44, 29.007, 220.673

Sweetspot

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



44, 29.005, 350.674



70, 10.243, 347.441



42, 37.938, 312.143



36, 6.782, 347.547



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



44, 29.005, 350.674



53, 42.394, 351.961



44, 26.283, 25.626



29, 3.937, 347.154



29, 53.403, 5.538



1, 3.401, 346.422

Inverse Universe

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



44, 29.005, 350.674



53, 42.394, 351.961



56, 19.664, 200.948



29, 3.937, 347.154



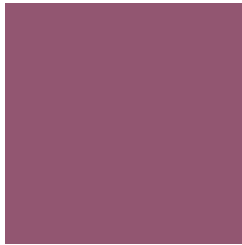
29, 53.403, 5.538



1, 3.401, 346.422

Previews

White Background



This preview shows how the CIE LCh color 44, 29.007, 350.673 looks on a white background.

Color Contrast Check

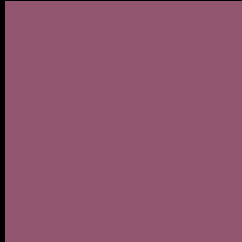
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.007, 350.673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

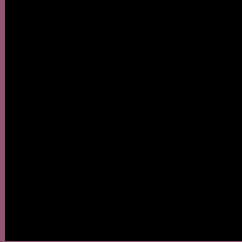
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 29.007, 350.673

Background



This preview shows how black text looks on a background with the CIELCh color 44, 29.007, 350.673.



This preview shows how white text looks on a background with the CIELCh color 44, 29.007, 350.673.

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, 29.007, 350.673

Protanopia

44, 12.034, 284.665

Deuteranopia

44, 7.049, 330.442



Tritanopia
44, 24.261, 14.624

Trichromacy



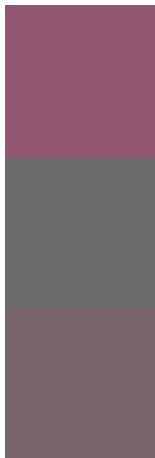
Original Color
44, 29.007, 350.673

Protanomaly
44, 15.966, 321.701

Deuteranomaly
44, 15.278, 342.838

Tritanomaly
44, 25.417, 5.787

Monochromacy



Original Color
44, 29.007, 350.673

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 10.896, 347.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 29.007, 350.673 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(146, 86, 113)` looks like.

```
.text, #text, p{  
    color:rgb(146, 86, 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(146, 86, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 86, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 29.007, 350.673 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(146, 86, 113) }
```

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

```
.border{ border-color:rgb(146, 86, 113) }
```

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

Here you see how a box with a 4 pixel rgb(146, 86, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 86, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 86, 113);  
box-shadow:4px 4px 4px 4px rgb(146, 86,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 29.007, 350.673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 86, 113) }
```

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

```
.background{ background-color: rgb(146, 86,  
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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