

Converting Colors

CIELCh(46, 9.008, 344.798)

Have a look what the booklet for
CIELCh(46, 9.008, 344.798) contains.

CIELCh(46, 9.130, 344.826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(46, 9.130, 344.826)

Conversions

Conversions Part 1

Format	Color
Hex	7A6871
RGB	122, 104, 113
RGB Percent	48%, 41%, 44%
CMY	0.5210, 0.5916, 0.5564
CMYK	0.00, 0.15, 0.07, 0.52
HSL	330°, 8%, 44%
HSV	330°, 15%, 48%
XYZ	15.9958, 15.2687, 17.7651
YIQ	110.4080, 7.8390, 6.6150

Conversions

Conversions Part 2

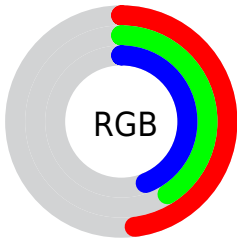
Format	Color
R_{YB}	122, 104, 113
Decimal	8022129
CIE Lab	46.00, 8.81, -2.39
CIE LCh	46, 9.130, 344.826
Yxy	15.2687, 0.3262, 0.3114
Android (android.graphics.Color)	4286212209 (0xFF7A6871)
YUV	110.4080, 1.2779, 10.1662
Hunter-Lab	39.0751, 4.6893, 0.3970

Details

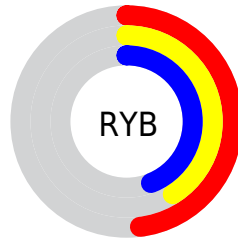
The CIELCh color $46, 9.130, 344.826$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 8.966, 162.480$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 9.468, 344.563$, and $26, 8.922, 345.355$ is the 20% darker color. If you saturate the color by 10%, you get $43, 15.455, 345.767$, and if you desaturate by 10%, it is $50, 2.903, 343.928$.

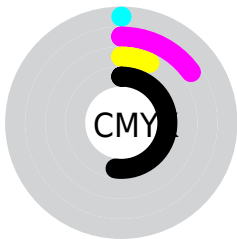
Distribution



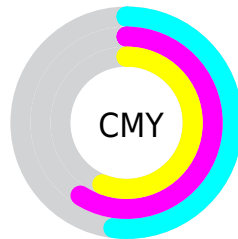
- Red (48%)
- Green (41%)
- Blue (44%)



- Red (48%)
- Yellow (41%)
- Blue (44%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (52%)



- Cyan (52%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 9.130, 344.826 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 46, 9.130, 344.826 by changing the saturation by 10% instead.

■ 46, 9.130, 344.826

■ 46, 9.130, 344.826

■ 100, 9.130,
344.826

■ 36, 9.130, 344.826

■ 66, 9.130, 344.826

■ 26, 9.130, 344.826

■ 76, 9.130, 344.826

■ 16, 9.130, 344.826

■ 86, 9.130, 344.826

■ 6, 9.130, 344.826

■ 96, 9.130, 344.826

■ 0, 9.130, 344.826

■ 46, 9.130, 344.826

■ 46, 9.130, 344.826

■ 43, 15.455,
345.767

■ 50, 2.903, 343.928

■ 39, 21.786,

■ 53, 3.166, 163.354

346.812

57, 9.048, 162.598

36, 27.977,
348.002

61, 14.733,
161.942

33, 33.818,
349.388

64, 20.221,
161.340

31, 39.044,
351.041

68, 25.518,
160.782

29, 43.355,
353.060

72, 30.636,
160.263

27, 46.486,
355.571

75, 35.586,
159.779

26, 48.384,
358.679

79, 40.381,
159.326

25, 49.310, 0.356

Harmonies

Complementary

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



46, 9.130, 344.826



50, 8.966, 162.480

Rectangle

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



46, 9.130, 344.826



46, 9.130, 34.826



46, 9.130, 164.826



46, 9.130, 214.826

Sweetspot

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



46, 9.128, 344.829



63, 3.024, 343.861



45, 11.356, 309.705



32, 2.139, 343.927



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



46, 9.128, 344.829



57, 13.819, 345.166



46, 7.609, 20.307



24, 3.472, 344.326



26, 50.113, 0.462



54, 83.988, 2.925

Inverse Universe

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



46, 9.128, 344.829



57, 13.819, 345.166



50, 6.952, 198.705



24, 3.472, 344.326



26, 50.113, 0.462



54, 83.988, 2.925

Previews

White Background



This preview shows how the CIELCh color 46, 9.130, 344.826 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 46, 9.130, 344.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

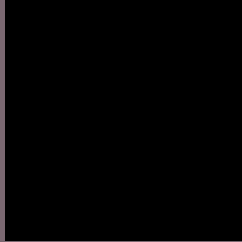
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 9.130, 344.826

Background



This preview shows how black text looks on a background with the CIELCh color 46, 9.130, 344.826.



This preview shows how white text looks on a background with the CIELCh color 46, 9.130, 344.826.

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

46, 9.130, 344.826

Protanopia

46, 4.784, 295.613

Deuteranopia

46, 6.450, 340.126



Tritanopia
46, 8.812, 347.995

Trichromacy



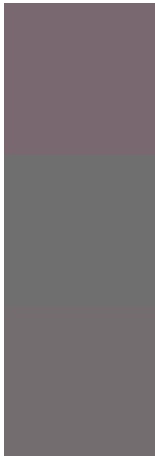
Original Color
46, 9.130, 344.826

Protanomaly
46, 5.561, 321.289

Deuteranomaly
46, 7.784, 342.840

Tritanomaly
46, 8.812, 347.995

Monochromacy



Original Color
46, 9.130, 344.826

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 3.043, 343.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 9.130, 344.826 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(122, 104, 113)` looks like.

```
.text, #text, p{  
    color:rgb(122, 104, 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(122, 104, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 104, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 9.130, 344.826 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(122, 104, 113) }
```

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

```
.border{ border-color:rgb(122, 104, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 104, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 104, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 104, 113);  
box-shadow:4px 4px 4px 4px rgb(122, 104,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 9.130, 344.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 104, 113) }
```

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

```
.background{ background-color: rgb(122,  
104, 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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