

Converting Colors

CIELCh(46, 24.291, 329.075)

Have a look what the booklet for
CIELCh(46, 24.291, 329.075)
contains.

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Color

CIELCh(46, 24.291, 329.075)

Conversions

Conversions Part 1

Format	Color
Hex	866182
RGB	134, 97, 130
RGB Percent	53%, 38%, 51%
CMY	0.4740, 0.6191, 0.4897
CMYK	0.00, 0.28, 0.03, 0.47
HSL	306°, 16%, 45%
HSV	306°, 28%, 53%
XYZ	18.1788, 15.2687, 23.1561
YIQ	111.8250, 11.4590, 18.1070

Conversions

Conversions Part 2

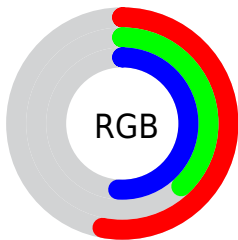
Format	Color
R_{YB}	134, 97, 130
Decimal	8806786
CIE _{Lab}	46.00, 20.84, -12.48
CIE _{LCh}	46, 24.291, 329.075
Yxy	15.2687, 0.3212, 0.2697
Android (android.graphics.Color)	4286996866 (0xFF866182)
YUV	111.8250, 8.9603, 19.4475
Hunter-Lab	39.0751, 14.6613, -7.7829

Details

The CIELCh color $46, 24.291, 329.075$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $52, 24.253, 145.645$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 24.394, 329.284$, and $26, 24.428, 329.048$ is the 20% darker color. If you saturate the color by 10%, you get $43, 32.926, 329.651$, and if you desaturate by 10%, it is $50, 15.471, 328.497$.

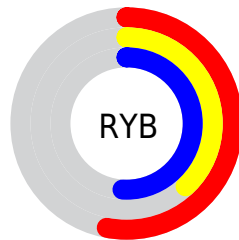
Distribution



Red (53%)

Green (38%)

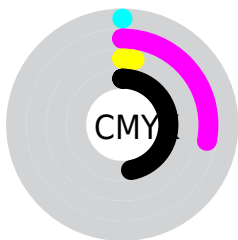
Blue (51%)



Red (53%)

Yellow (38%)

Blue (51%)

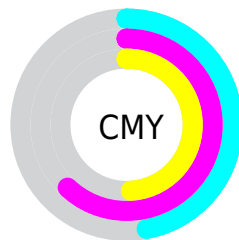


Cyan (0%)

Magenta (28%)

Yellow (3%)

Black (47%)



Cyan (47%)


Magenta (62%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 24.291, 329.075 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, 24.291, 329.075 by changing the saturation by 10% instead.


 46, 24.291,
329.075


 46, 24.291,
329.075


 100, 24.291,
329.075


 36, 24.291,
329.075

 66, 24.291,
329.075


 26, 24.291,
329.075

 76, 24.291,
329.075

 16, 24.291,
329.075

 86, 24.291,
329.075

 6, 24.291, 329.075

 96, 24.291,
329.075

 0, 24.291, 329.075

 46, 24.291,

 46, 24.291,

329.075

43, 32.926,
329.651

40, 41.150,
330.218

37, 48.664,
330.769

35, 55.128,
331.302

33, 60.205,
331.814

31, 63.643,
332.313

31, 65.593,
332.808

30, 66.026,
332.926

329.075

50, 15.471,
328.497

53, 6.641, 327.912

57, 2.086, 147.491

61, 10.638,
146.873

65, 18.973,
146.349

68, 27.070,
145.853

72, 34.923,
145.383

76, 42.533,
144.939

■ 80, 49.910,
144.520

Harmonies

Complementary

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



46, 24.291, 329.075



52, 24.253, 145.645

Rectangle

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



46, 24.291, 329.075



46, 24.291, 19.075



46, 24.291, 149.075



46, 24.291, 199.075

Sweetspot

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



46, 24.289, 329.075



67, 8.640, 327.947



43, 22.396, 296.737



34, 6.119, 328.027



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



46, 24.289, 329.075



56, 35.753, 329.429



45, 17.609, 352.096



26, 4.895, 328.003



29, 64.580, 332.910



0, 1.166, 327.518

Inverse Universe

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



46, 24.289, 329.075



56, 35.753, 329.429



53, 16.709, 166.865



26, 4.895, 328.003



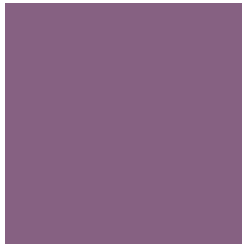
29, 64.580, 332.910



0, 1.166, 327.518

Previews

White Background



This preview shows how the CIELCh color 46, 24.291, 329.075 looks on a white background.

Color Contrast Check

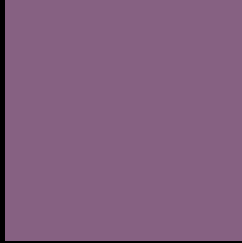
Large Text (above 18pt) WCAG AA ✓ Pass

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 46, 24.291, 329.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

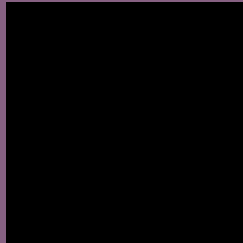
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 24.291, 329.075

Background



This preview shows how black text looks on a background with the CIELCh color 46, 24.291, 329.075.



This preview shows how white text looks on a background with the CIELCh color 46, 24.291, 329.075.

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, 24.291, 329.075

Protanopia

46, 17.898, 285.684

Deuteranopia

46, 12.613, 298.825



Tritanopia
46, 13.405, 0.600

Trichromacy



Original Color
46, 24.291, 329.075

Protanomaly
46, 18.912, 304.022

Deuteranomaly
46, 16.741, 313.819

Tritanomaly
46, 16.459, 344.016

Monochromacy



Original Color
46, 24.291, 329.075

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 8.861, 327.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 24.291, 329.075 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(134, 97, 130)` looks like.

```
.text, #text, p{  
    color:rgb(134, 97, 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(134, 97, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 97, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 24.291, 329.075 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(134, 97, 130) }
```

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

```
.border{ border-color:rgb(134, 97, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 97, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 97, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 97, 130);  
box-shadow:4px 4px 4px 4px rgb(134, 97,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 24.291, 329.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 97, 130) }
```

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

```
.background{ background-color: rgb(134, 97,  
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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