

Converting Colors

CIELCh(46, 24.341, 324.094)

Have a look what the booklet for
CIELCh(46, 24.341, 324.094)
contains.

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Color

CIELCh(46, 24.379, 324.188)

Conversions

Conversions Part 1

Format	Color
Hex	836285
RGB	131, 98, 133
RGB Percent	51%, 38%, 52%
CMY	0.4861, 0.6155, 0.4782
CMYK	0.02, 0.26, 0.00, 0.48
HSL	297°, 15%, 45%
HSV	297°, 26%, 52%
XYZ	17.9773, 15.2687, 24.2082
YIQ	111.8570, 8.4330, 17.8810

Conversions

Conversions Part 2

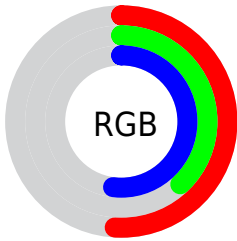
Format	Color
R_{YB}	131, 98, 133
Decimal	8610437
CIE _{Lab}	46.00, 19.77, -14.26
CIE _{LCh}	46, 24.379, 324.188
Yxy	15.2687, 0.3129, 0.2658
Android (android.graphics.Color)	4286800517 (0xFF836285)
YUV	111.8570, 10.4235, 16.7884
Hunter-Lab	39.0751, 13.7412, -9.3793

Details

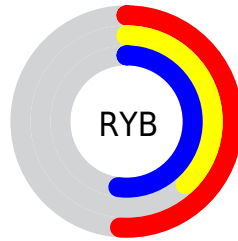
The CIELCh color $46, 24.379, 324.188$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $52, 24.302, 141.338$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 24.236, 323.989$, and $26, 24.116, 324.508$ is the 20% darker color. If you saturate the color by 10%, you get $43, 33.544, 324.660$, and if you desaturate by 10%, it is $50, 15.076, 323.695$.

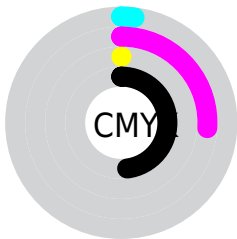
Distribution



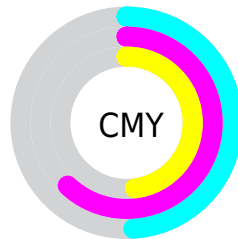
- Red (51%)
- Green (38%)
- Blue (52%)



- Red (51%)
- Yellow (38%)
- Blue (52%)



- Cyan (2%)
- Magenta (26%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (62%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 24.379, 324.188 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, 24.379, 324.188 by changing the saturation by 10% instead.

 46, 24.379,
324.188

 46, 24.379,
324.188

 100, 24.379,
324.188

 36, 24.379,
324.188

 66, 24.379,
324.188


 26, 24.379,
324.188

 76, 24.379,
324.188

 16, 24.379,
324.188

 86, 24.379,
324.188

 6, 24.379, 324.188

 96, 24.379,
324.188

 0, 24.379, 324.188

 46, 24.379,

 46, 24.379,

324.188

43, 33.544,
324.660

40, 42.358,
325.095

37, 50.535,
325.476

34, 57.740,
325.780

32, 63.626,
325.988

31, 67.912,
326.083

30, 70.608,
326.066

30, 71.506,
326.055

324.188

50, 15.076,
323.695

53, 5.797, 323.183

57, 3.355, 142.781

61, 12.314,
142.268

65, 21.040,
141.808

69, 29.516,
141.373

72, 37.736,
140.964

76, 45.702,
140.582

■ 80, 53.421,
140.226

Harmonies

Complementary

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



46, 24.379, 324.188



52, 24.302, 141.338

Rectangle

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



46, 24.379, 324.188



46, 24.379, 14.188



46, 24.379, 144.188



46, 24.379, 194.188

Sweetspot

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



46, 24.377, 324.188



67, 9.143, 323.283



43, 19.636, 290.499



34, 6.475, 323.352



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, 24.377, 324.188



57, 36.774, 324.494



46, 18.412, 342.346



26, 5.180, 323.332



29, 70.336, 326.060



0, 1.233, 322.902

Inverse Universe

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



45, 15.146, 16.954



55, 23.347, 17.756



52, 18.007, 158.041



26, 3.055, 15.251



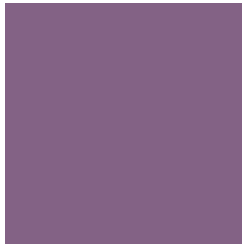
26, 60.413, 36.217



0, 0.710, 14.662

Previews

White Background



This preview shows how the CIELCh color 46, 24.379, 324.188 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, 24.379, 324.188 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, 24.379, 324.188

Background



This preview shows how black text looks on a background with the CIELCh color 46, 24.379, 324.188.



This preview shows how white text looks on a background with the CIELCh color 46, 24.379, 324.188.

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, 24.379, 324.188

Protanopia

46, 19.104, 285.276

Deuteranopia

46, 14.313, 295.127



Tritanopia
46, 11.811, 357.390

Trichromacy



Original Color
46, 24.379, 324.188

Protanomaly
46, 19.949, 301.315

Deuteranomaly
46, 17.460, 308.810

Tritanomaly
46, 15.187, 339.922

Monochromacy



Original Color
46, 24.379, 324.188

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 9.122, 322.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 24.379, 324.188 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(131, 98, 133)` looks like.

```
.text, #text, p{  
    color:rgb(131, 98, 133)  
}
```

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(131, 98, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 98, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 24.379, 324.188 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(131, 98, 133) }
```

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

```
.border{ border-color:rgb(131, 98, 133) }
```

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

Here you see how a box with a 4 pixel rgb(131, 98, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 98, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 98, 133);  
box-shadow:4px 4px 4px 4px rgb(131, 98,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 24.379, 324.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 98, 133) }
```

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

```
.background{ background-color: rgb(131, 98,  
133) }
```

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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