

Converting Colors

CIELCh(46, 41.644, 337.949)

Have a look what the booklet for
CIELCh(46, 41.644, 337.949)
contains.

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Color

CIELCh(46, 41.626, 338.016)

Conversions

Conversions Part 1

Format	Color
Hex	9F5388
RGB	159, 83, 136
RGB Percent	62%, 33%, 53%
CMY	0.3774, 0.6754, 0.4676
CMYK	0.00, 0.48, 0.14, 0.38
HSL	318°, 31%, 47%
HSV	318°, 48%, 62%
XYZ	21.7528, 15.2687, 25.0067
YIQ	111.7660, 28.2830, 32.5950

Conversions

Conversions Part 2

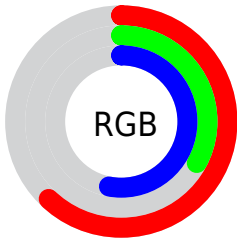
Format	Color
R_{YB}	159, 83, 136
Decimal	10441608
CIE _{Lab}	46.00, 38.60, -15.58
CIE _{LCh}	46, 41.626, 338.016
Yxy	15.2687, 0.3507, 0.2462
Android (android.graphics.Color)	4288631688 (0xFF9F5388)
YUV	111.7660, 11.9474, 41.4242
Hunter-Lab	39.0751, 30.9877, -10.5909

Details

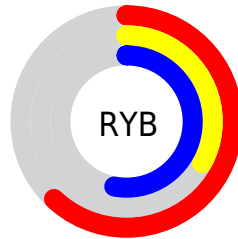
The CIELCh color $46, 41.626, 338.016$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 41.223, 150.055$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 41.297, 338.176$, and $26, 41.375, 337.880$ is the 20% darker color. If you saturate the color by 10%, you get $43, 49.172, 338.966$, and if you desaturate by 10%, it is $50, 33.324, 337.151$.

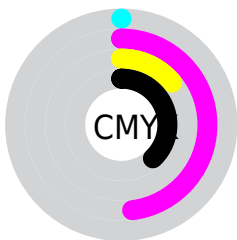
Distribution



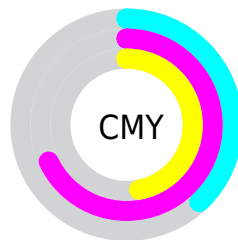
- Red (62%)
- Green (33%)
- Blue (53%)



- Red (62%)
- Yellow (33%)
- Blue (53%)



- Cyan (0%)
- Magenta (48%)
- Yellow (14%)
- Black (38%)





- Cyan (38%)
- Magenta (68%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 41.626, 338.016 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, 41.626, 338.016 by changing the saturation by 10% instead.


 46, 41.626,
338.016


 46, 41.626,
338.016


 100, 41.626,
338.016


 36, 41.626,
338.016

 66, 41.626,
338.016


 26, 41.626,
338.016

 76, 41.626,
338.016

 16, 41.626,
338.016

 86, 41.626,
338.016

 6, 41.626, 338.016

 96, 41.626,
338.016

 0, 41.626, 338.016

 46, 41.626,

 46, 41.626,

338.016

43, 49.172,
338.966

40, 55.568,
340.032

38, 60.407,
341.260

36, 63.384,
342.715

35, 64.603,
344.438

35, 64.812,
344.817

338.016

50, 33.324,
337.151

54, 24.610,
336.349

58, 15.736,
335.596

62, 6.878, 334.872

66, 1.847, 154.408

71, 10.372,
153.659

75, 18.661,
153.061

80, 26.699,
152.503

■ 84, 34.484,
151.981

Harmonies

Complementary

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



46, 41.626, 338.016



60, 41.223, 150.055

Rectangle

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



46, 41.626, 338.016



46, 41.626, 28.016



46, 41.626, 158.016



46, 41.626, 208.016

Sweetspot

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



46, 41.624, 338.016



75, 15.254, 335.335



41, 46.689, 305.312



39, 10.628, 335.483



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



46, 41.624, 338.016



55, 59.981, 338.990



45, 33.555, 9.537



31, 4.938, 334.973



31, 60.082, 344.620



1, 6.251, 335.856

Inverse Universe

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



46, 41.624, 338.016



55, 59.981, 338.990



60, 27.398, 178.635



31, 4.938, 334.973



31, 60.082, 344.620



1, 6.251, 335.856

Previews

White Background



This preview shows how the CIELCh color 46, 41.626, 338.016 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, 41.626, 338.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

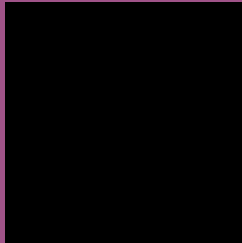
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 41.626, 338.016

Background



This preview shows how black text looks on a background with the CIELCh color 46, 41.626, 338.016.



This preview shows how white text looks on a background with the CIELCh color 46, 41.626, 338.016.

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, 41.626, 338.016

Protanopia
46, 27.474, 284.874

Deuteranopia
46, 14.906, 295.074



Tritanopia
46, 28.074, 15.164

Trichromacy



Original Color
46, 41.626, 338.016

Protanomaly
45, 29.532, 307.177

Deuteranomaly
46, 23.663, 320.804

Tritanomaly
46, 31.100, 357.511

Monochromacy



Original Color
46, 41.626, 338.016

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 16.354, 335.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 41.626, 338.016 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(159, 83, 136)` looks like.

```
.text, #text, p{  
    color:rgb(159, 83, 136)  
}
```

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(159, 83, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 83, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 41.626, 338.016 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(159, 83, 136) }
```

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

```
.border{ border-color:rgb(159, 83, 136) }
```

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

Here you see how a box with a 4 pixel rgb(159, 83, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 83, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 83, 136);  
box-shadow:4px 4px 4px 4px rgb(159, 83,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 41.626, 338.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 83, 136) }
```

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

```
.background{ background-color: rgb(159, 83,  
136) }
```

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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