

Converting Colors

CIELCh(46, 33.183, 18.392)

Have a look what the booklet for
CIELCh(46, 33.183, 18.392) contains.

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Color

CIELCh(46, 33.126, 18.341)

Conversions

Conversions Part 1

Format	Color
Hex	A2575D
RGB	162, 87, 93
RGB Percent	64%, 34%, 36%
CMY	0.3650, 0.6591, 0.6355
CMYK	0.00, 0.46, 0.43, 0.36
HSL	355°, 30%, 49%
HSV	355°, 46%, 64%
XYZ	20.2613, 15.2687, 12.2204
YIQ	110.1090, 42.7740, 17.7660

Conversions

Conversions Part 2

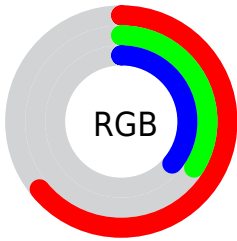
Format	Color
RYB	162, 87, 93
Decimal	10639197
CIELab	46.00, 31.44, 10.42
CIELCh	46, 33.126, 18.341
Yxy	15.2687, 0.4243, 0.3198
Android (android.graphics.Color)	4288829277 (0xFFA2575D)
YUV	110.1090, -8.4347, 45.5084
Hunter-Lab	39.0751, 24.1745, 8.8102

Details

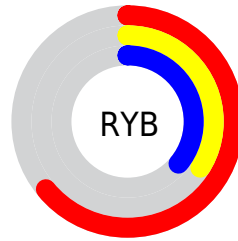
The CIELCh color **46, 33.126, 18.341** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 25.139, 189.453**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 33.170, 18.224**, and **26, 33.258, 18.290** is the 20% darker color. If you saturate the color by 10%, you get **42, 41.058, 20.552**, and if you desaturate by 10%, it is **50, 25.319, 16.608**.

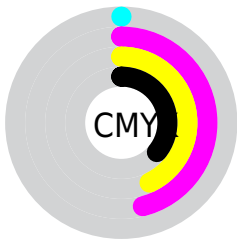
Distribution



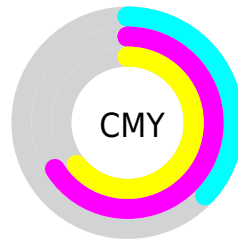
- Red (64%)
- Green (34%)
- Blue (36%)



- Red (64%)
- Yellow (34%)
- Blue (36%)



- Cyan (0%)
- Magenta (46%)
- Yellow (43%)
- Black (36%)



- Cyan (37%)
- Magenta (66%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 33.126, 18.341 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, 33.126, 18.341 by changing the saturation by 10% instead.

■ 46, 33.126, 18.341

■ 46, 33.126, 18.341

■ 100, 33.126,
18.341

■ 36, 33.126, 18.341

■ 66, 33.126, 18.341

■ 26, 33.126, 18.341

■ 76, 33.126, 18.341

■ 16, 33.126, 18.341

■ 86, 33.126, 18.341

■ 6, 33.126, 18.341

■ 96, 33.126, 18.341

■ 0, 33.126, 18.341

■ 46, 33.126, 18.341

■ 46, 33.126, 18.341

■ 42, 41.058, 20.552

■ 50, 25.319, 16.608

■ 39, 48.891, 23.353

■ 54, 17.809, 15.230

37, 56.361, 26.828

59, 10.688, 14.116

35, 63.206, 30.912

64, 3.999, 13.152

34, 69.097, 35.139

68, 2.257, 192.735

33, 71.062, 36.387

73, 8.102, 191.971

78, 13.566,
191.423

83, 18.687,
190.963

88, 23.502,
190.564

Harmonies

Complementary

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



46, 33.126, 18.341



62, 25.139, 189.453

Rectangle

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



46, 33.126, 18.341



46, 33.126, 68.341



46, 33.126, 198.341



46, 33.126, 248.341

Sweetspot

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



46, 33.124, 18.344



77, 11.333, 13.912



48, 49.431, 324.337



40, 7.941, 14.118



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



46, 33.124, 18.344



55, 50.837, 20.743



53, 27.289, 61.182



32, 3.644, 13.435



30, 65.322, 35.962



1, 5.502, 13.398

Inverse Universe

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



46, 33.124, 18.344



55, 50.837, 20.743



53, 22.250, 253.547



32, 3.644, 13.435



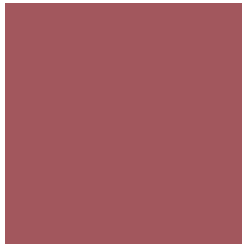
30, 65.322, 35.962



1, 5.502, 13.398

Previews

White Background



This preview shows how the CIELCh color 46, 33.126, 18.341 looks on a white background.

Color Contrast Check

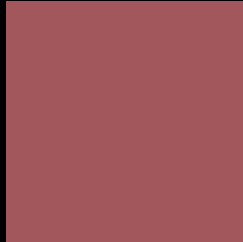
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.126, 18.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

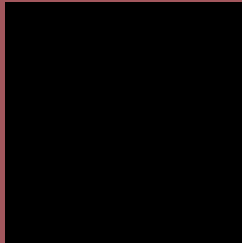
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 33.126, 18.341

Background



This preview shows how black text looks on a background with the CIELCh color 46, 33.126, 18.341.



This preview shows how white text looks on a background with the CIELCh color 46, 33.126, 18.341.

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, 33.126, 18.341

Protanopia

46, 3.385, 80.176

Deuteranopia

46, 13.302, 61.675



Tritanopia
46, 33.126, 18.341

Trichromacy



Original Color
46, 33.126, 18.341

Protanomaly
46, 12.983, 23.611

Deuteranomaly
46, 19.337, 33.895

Tritanomaly
46, 33.126, 18.341

Monochromacy



Original Color
46, 33.126, 18.341

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 11.545, 15.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 33.126, 18.341 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(162, 87, 93)` looks like.

```
.text, #text, p{  
    color:rgb(162, 87, 93)  
}
```

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(162, 87, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 87, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 33.126, 18.341 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(162, 87, 93) }
```

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

```
.border{ border-color:rgb(162, 87, 93) }
```

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

Here you see how a box with a 4 pixel rgb(162, 87, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 87, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 87, 93);  
box-shadow:4px 4px 4px 4px rgb(162, 87,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 33.126, 18.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 87, 93) }
```

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

```
.background{ background-color: rgb(162, 87,  
93) }
```

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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