

Converting Colors

CIELCh(46, 37.838, 2.149)

Have a look what the booklet for
CIELCh(46, 37.838, 2.149) contains.

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Color

CIELCh(46, 37.822, 2.265)

Conversions

Conversions Part 1

Format	Color
Hex	A7526C
RGB	167, 82, 108
RGB Percent	65%, 32%, 42%
CMY	0.3461, 0.6793, 0.5773
CMYK	0.00, 0.51, 0.35, 0.35
HSL	342°, 34%, 49%
HSV	342°, 51%, 65%
XYZ	21.5810, 15.2687, 15.9373
YIQ	110.3790, 42.3140, 26.1060

Conversions

Conversions Part 2

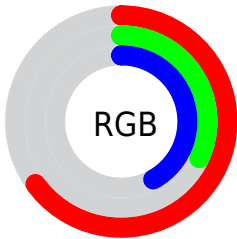
Format	Color
R_{YB}	167, 82, 108
Decimal	10965612
CIE _{Lab}	46.00, 37.79, 1.49
CIE _{LCh}	46, 37.822, 2.265
Yxy	15.2687, 0.4088, 0.2893
Android (android.graphics.Color)	4289155692 (0xFFA7526C)
YUV	110.3790, -1.1728, 49.6566
Hunter-Lab	39.0751, 30.2033, 3.1705

Details

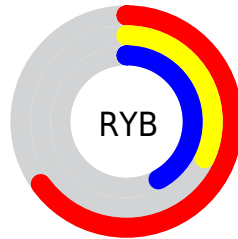
The CIELCh color $46, 37.822, 2.265$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $63, 32.672, 170.108$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 37.534, 2.477$, and $26, 38.049, 1.951$ is the 20% darker color. If you saturate the color by 10%, you get $43, 44.868, 4.543$, and if you desaturate by 10%, it is $50, 30.338, 0.430$.

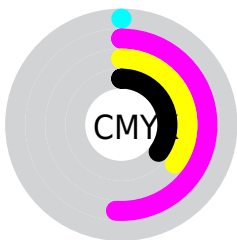
Distribution



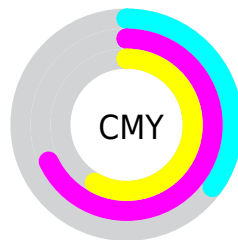
- Red (65%)
- Green (32%)
- Blue (42%)



- Red (65%)
- Yellow (32%)
- Blue (42%)



- Cyan (0%)
- Magenta (51%)
- Yellow (35%)
- Black (35%)



- Cyan (35%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 37.822, 2.265 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, 37.822, 2.265 by changing the saturation by 10% instead.


 46, 37.822, 2.265  46, 37.822, 2.265

 100, 37.822, 2.265  36, 37.822, 2.265

 66, 37.822, 2.265  26, 37.822, 2.265



 76, 37.822, 2.265  16, 37.822, 2.265

 86, 37.822, 2.265  6, 37.822, 2.265

 96, 37.822, 2.265  0, 37.822, 2.265

 46, 37.822, 2.265  46, 37.822, 2.265

 43, 44.868, 4.543  50, 30.338, 0.430

 40, 51.147, 7.405  54, 22.710,
358.915

 37, 56.363, 11.019

36, 60.400, 15.515

59, 15.144,
357.638

35, 63.468, 20.089

63, 7.772, 356.525

68, 0.667, 355.010

73, 6.137, 174.865

78, 12.634,
174.084

82, 18.835,
173.400

87, 24.756,
172.783

Harmonies

Complementary

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



46, 37.822, 2.265



63, 32.672, 170.108

Rectangle

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



46, 37.822, 2.265



46, 37.822, 52.265



46, 37.822, 182.265



46, 37.822, 232.265

Sweetspot

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



46, 37.820, 2.267



78, 13.282, 356.991



45, 53.465, 317.299



40, 9.169, 357.216



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



46, 37.820, 2.267



55, 55.484, 4.840



49, 33.743, 38.437



33, 4.032, 356.349



31, 57.942, 19.470



2, 7.069, 358.546

Inverse Universe

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



46, 37.820, 2.267



55, 55.484, 4.840



59, 22.996, 220.469



33, 4.032, 356.349



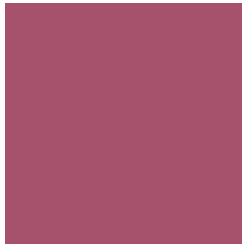
31, 57.942, 19.470



2, 7.069, 358.546

Previews

White Background



This preview shows how the CIELCh color 46, 37.822, 2.265 looks on a white background.

Color Contrast Check

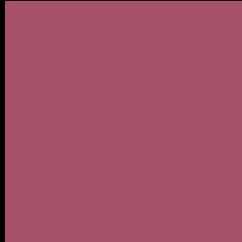
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.822, 2.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

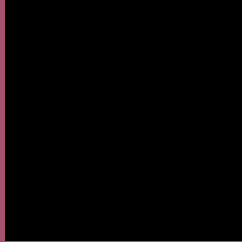
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 37.822, 2.265

Background



This preview shows how black text looks on a background with the CIELCh color 46, 37.822, 2.265.



This preview shows how white text looks on a background with the CIELCh color 46, 37.822, 2.265.

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, 37.822, 2.265

Protanopia

46, 8.927, 286.459

Deuteranopia

46, 6.872, 30.026



Tritanopia
46, 35.423, 19.167

Trichromacy



Original Color
46, 37.822, 2.265

Protanomaly
45, 16.576, 338.811

Deuteranomaly
46, 18.015, 6.781

Tritanomaly
46, 35.972, 13.050

Monochromacy



Original Color
46, 37.822, 2.265

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 14.000, 359.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 37.822, 2.265 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(167, 82, 108)` looks like.

```
.text, #text, p{  
    color:rgb(167, 82, 108)  
}
```

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(167, 82, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 82, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 37.822, 2.265 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(167, 82, 108) }
```

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

```
.border{ border-color:rgb(167, 82, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 82, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 82, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 82, 108);  
box-shadow:4px 4px 4px 4px rgb(167, 82,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 37.822, 2.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 82, 108) }
```

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

```
.background{ background-color: rgb(167, 82,  
108) }
```

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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