

Converting Colors

CIELCh(46, 13.481, 334.138)

Have a look what the booklet for
CIELCh(46, 13.481, 334.138)
contains.

CIELCh(46, 13.731, 333.915)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(46, 13.731, 333.915)

Conversions

Conversions Part 1

Format	Color
Hex	7D6677
RGB	125, 102, 119
RGB Percent	49%, 40%, 47%
CMY	0.5088, 0.5990, 0.5323
CMYK	0.00, 0.18, 0.05, 0.51
HSL	316°, 10%, 45%
HSV	316°, 18%, 49%
XYZ	16.6157, 15.2687, 19.6040
YIQ	110.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

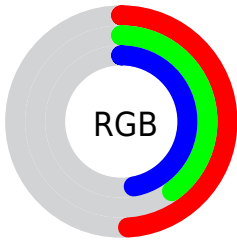
Format	Color
R_{YB}	125, 102, 119
Decimal	8218231
CIE _{Lab}	46.00, 12.33, -6.04
CIE _{LCh}	46, 13.731, 333.915
Yxy	15.2687, 0.3227, 0.2965
Android (android.graphics.Color)	4286408311 (0xFF7D6677)
YUV	110.8150, 4.0352, 12.4402
Hunter-Lab	39.0751, 7.5209, -2.3933

Details

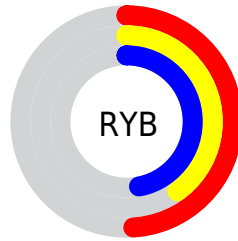
The CIELCh color $46, 13.731, 333.915$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 13.650, 151.499$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 13.776, 334.407$, and $26, 13.920, 333.540$ is the 20% darker color. If you saturate the color by 10%, you get $43, 21.245, 334.611$, and if you desaturate by 10%, it is $50, 6.218, 333.241$.

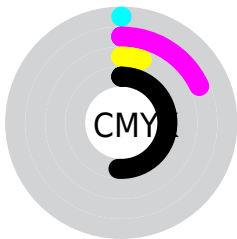
Distribution



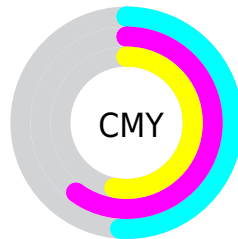
- Red (49%)
- Green (40%)
- Blue (47%)



- Red (49%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (18%)
- Yellow (5%)
- Black (51%)





- Cyan (51%)
- Magenta (60%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 13.731, 333.915 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, 13.731, 333.915 by changing the saturation by 10% instead.


 46, 13.731,
333.915


 46, 13.731,
333.915


 100, 13.731,
333.915


 36, 13.731,
333.915

 66, 13.731,
333.915


 26, 13.731,
333.915

 76, 13.731,
333.915

 16, 13.731,
333.915


 86, 13.731,
333.915

 6, 13.731, 333.915

 96, 13.731,
333.915

 0, 13.731, 333.915

 46, 13.731,

 46, 13.731,

333.915

43, 21.245,
334.611

39, 28.619,
335.340

36, 35.649,
336.112

34, 42.068,
336.940

31, 47.558,
337.842

30, 51.798,
338.851

28, 54.535,
340.010

27, 56.033,
341.315

333.915

50, 6.218, 333.241

53, 1.194, 152.850

57, 8.449, 152.092

60, 15.513,
151.519

64, 22.373,
150.984

68, 29.025,
150.480

72, 35.474,
150.004

75, 41.729,
149.556

79, 47.801,

■ 27, 56.275,
341.526

149.133

Harmonies

Complementary

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



46, 13.731, 333.915



50, 13.650, 151.499

Rectangle

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



46, 13.731, 333.915



46, 13.731, 23.915



46, 13.731, 153.915



46, 13.731, 203.915

Sweetspot

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



46, 13.729, 333.916



64, 5.527, 333.086



45, 13.998, 301.121



33, 3.649, 333.121



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



46, 13.729, 333.916



57, 20.446, 334.201



46, 10.205, 1.269



25, 4.251, 333.292



28, 56.981, 341.556



0, 0.000, 0.000

Inverse Universe

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



46, 13.729, 333.916



57, 20.446, 334.201



51, 9.609, 177.906



25, 4.251, 333.292



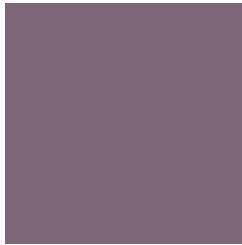
28, 56.981, 341.556



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 46, 13.731, 333.915 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, 13.731, 333.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

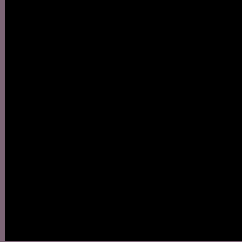
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 13.731, 333.915

Background



This preview shows how black text looks on a background with the CIELCh color 46, 13.731, 333.915.



This preview shows how white text looks on a background with the CIELCh color 46, 13.731, 333.915.

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, 13.731, 333.915

Protanopia

46, 8.923, 288.931

Deuteranopia

46, 8.566, 315.910



Tritanopia
46, 9.523, 350.837

Trichromacy



Original Color
46, 13.731, 333.915

Protanomaly
46, 10.073, 309.629

Deuteranomaly
46, 10.077, 325.038

Tritanomaly
46, 11.161, 341.270

Monochromacy



Original Color
46, 13.731, 333.915

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 4.844, 332.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 13.731, 333.915 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(125, 102, 119)` looks like.

```
.text, #text, p{  
    color:rgb(125, 102, 119)  
}
```

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(125, 102, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 102, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 13.731, 333.915 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(125, 102, 119) }
```

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

```
.border{ border-color:rgb(125, 102, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 102, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 102, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 102, 119);  
box-shadow:4px 4px 4px 4px rgb(125, 102,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 13.731, 333.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 102, 119) }
```

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

```
.background{ background-color: rgb(125,  
102, 119) }
```

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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