

Converting Colors

CIELCh(46, 13.827, 305.609)

Have a look what the booklet for
CIELCh(46, 13.827, 305.609)
contains.

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Color

CIELCh(46, 14.185, 306.106)

Conversions

Conversions Part 1

Format	Color
Hex	726980
RGB	114, 105, 128
RGB Percent	45%, 41%, 50%
CMY	0.5525, 0.5878, 0.4976
CMYK	0.11, 0.18, 0.00, 0.50
HSL	263°, 10%, 46%
HSV	263°, 18%, 50%
XYZ	15.9172, 15.2687, 22.5659
YIQ	110.3130, -2.0190, 9.0610

Conversions

Conversions Part 2

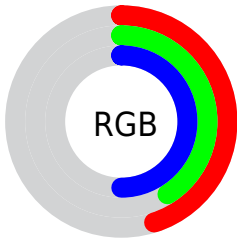
Format	Color
R_{YB}	114, 105, 128
Decimal	7498112
CIE Lab	46.00, 8.36, -11.46
CIE LCh	46, 14.185, 306.106
Yxy	15.2687, 0.2961, 0.2841
Android (android.graphics.Color)	4285688192 (0xFF726980)
YUV	110.3130, 8.7197, 3.2335
Hunter-Lab	39.0751, 4.3304, -6.8873

Details

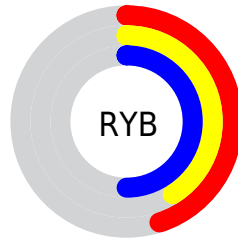
The CIELCh color $46, 14.185, 306.106$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 13.778, 124.318$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 14.408, 306.204$, and $26, 14.226, 306.168$ is the 20% darker color. If you saturate the color by 10%, you get $42, 22.416, 306.701$, and if you desaturate by 10%, it is $50, 6.189, 305.561$.

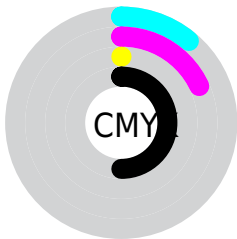
Distribution



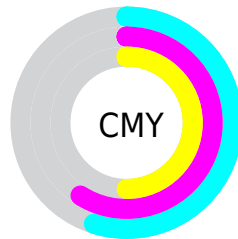
- Red (45%)
- Green (41%)
- Blue (50%)



- Red (45%)
- Yellow (41%)
- Blue (50%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (50%)



- Cyan (55%)
- Magenta (59%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 14.185, 306.106 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, 14.185, 306.106 by changing the saturation by 10% instead.


 46, 14.185,
306.106


 46, 14.185,
306.106


 100, 14.185,
306.106


 36, 14.185,
306.106

 66, 14.185,
306.106


 26, 14.185,
306.106

 76, 14.185,
306.106

 16, 14.185,
306.106

 86, 14.185,
306.106

 6, 14.185, 306.106

 96, 14.185,
306.106

 0, 14.185, 306.106

 46, 14.185,

 46, 14.185,

306.106

42, 22.416,
306.701

38, 30.854,
307.346

33, 39.426,
308.023

29, 47.989,
308.702

26, 56.293,
309.326

22, 63.925,
309.808

19, 70.299,
310.029

17, 75.275,
310.007

306.106

50, 6.189, 305.561

54, 1.556, 125.128

59, 9.054, 124.672

63, 16.312,
124.296

67, 23.340,
123.969

71, 30.151,
123.686

75, 36.756,
123.440

79, 43.168,
123.229

84, 49.397,

■ 17,76.340,
310.042

123.048

Harmonies

Complementary

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



46, 14.185, 306.106



52, 13.778, 124.318

Rectangle

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



46, 14.185, 306.106



46, 14.185, 356.106



46, 14.185, 126.106



46, 14.185, 176.106

Sweetspot

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



46, 14.184, 306.105



65, 4.783, 305.414



49, 7.352, 243.903



34, 3.291, 305.445



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



46, 14.184, 306.105



56, 21.602, 306.369



47, 15.833, 322.056



25, 4.375, 305.621



17, 76.076, 310.047



0, 0.000, 0.000

Inverse Universe

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



47, 12.478, 339.539



58, 18.921, 339.911



51, 15.756, 140.326



25, 3.874, 338.838



27, 52.785, 351.134



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 46, 14.185, 306.106 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, 14.185, 306.106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

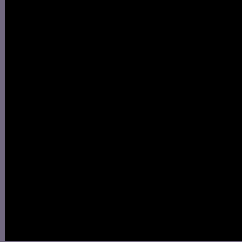
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 14.185, 306.106

Background



This preview shows how black text looks on a background with the CIELCh color 46, 14.185, 306.106.



This preview shows how white text looks on a background with the CIELCh color 46, 14.185, 306.106.

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, 14.185, 306.106

Protanopia

46, 13.132, 285.450

Deuteranopia

46, 13.224, 298.577



Tritanopia
46, 5.745, 311.283

Trichromacy



Original Color
46, 14.185, 306.106

Protanomaly
46, 13.107, 293.619

Deuteranomaly
46, 13.276, 300.218

Tritanomaly
46, 8.823, 309.561

Monochromacy



Original Color
46, 14.185, 306.106

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 5.502, 303.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 14.185, 306.106 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(114, 105, 128)` looks like.

```
.text, #text, p{  
    color:rgb(114, 105, 128)  
}
```

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(114, 105, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 105, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 14.185, 306.106 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(114, 105, 128) }
```

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

```
.border{ border-color:rgb(114, 105, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 105, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 105, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 105, 128);  
box-shadow:4px 4px 4px 4px rgb(114, 105,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 14.185, 306.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 105, 128) }
```

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

```
.background{ background-color: rgb(114,  
105, 128) }
```

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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