

Converting Colors

CIELCh(46, 7.335, 278.810)

Have a look what the booklet for
CIELCh(46, 7.335, 278.810) contains.

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Color

CIELCh(46, 7.265, 278.854)

Conversions

Conversions Part 1

Format	Color
Hex	696D79
RGB	105, 109, 121
RGB Percent	41%, 43%, 47%
CMY	0.5889, 0.5732, 0.5262
CMYK	0.13, 0.10, 0.00, 0.53
HSL	225°, 7%, 44%
HSV	225°, 13%, 47%
XYZ	14.6953, 15.2687, 20.2042
YIQ	109.1720, -6.2360, 2.8840

Conversions

Conversions Part 2

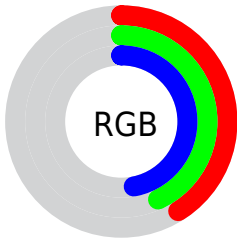
Format	Color
RYB	105, 108, 121
Decimal	6909305
CIELab	46.00, 1.12, -7.18
CIELCh	46, 7.265, 278.854
Yxy	15.2687, 0.2929, 0.3043
Android (android.graphics.Color)	4285099385 (0xFF696D79)
YUV	109.1720, 5.8312, -3.6588
Hunter-Lab	39.0751, -1.2514, -3.3039

Details

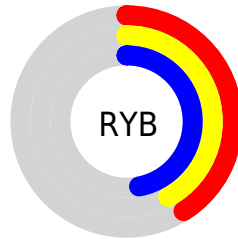
The CIELCh color $46, 7.265, 278.854$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 7.199, 95.709$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 7.328, 279.412$, and $26, 7.344, 278.582$ is the 20% darker color. If you saturate the color by 10%, you get $42, 12.901, 280.279$, and if you desaturate by 10%, it is $50, 1.761, 277.660$.

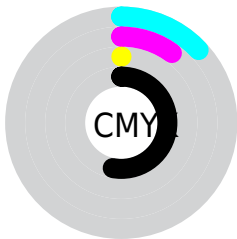
Distribution



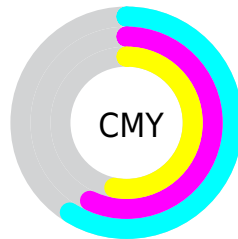
- Red (41%)
- Green (43%)
- Blue (47%)



- Red (41%)
- Yellow (42%)
- Blue (47%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)
- Black (53%)



- Cyan (59%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 7.265, 278.854 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, 7.265, 278.854 by changing the saturation by 10% instead.

■ 46, 7.265, 278.854

■ 46, 7.265, 278.854

■ 100, 7.265,
278.854

■ 36, 7.265, 278.854

■ 66, 7.265, 278.854

■ 26, 7.265, 278.854

■ 76, 7.265, 278.854

■ 16, 7.265, 278.854

■ 86, 7.265, 278.854

■ 6, 7.265, 278.854

■ 96, 7.265, 278.854

■ 0, 7.265, 278.854

■ 46, 7.265, 278.854

■ 46, 7.265, 278.854

■ 42, 12.901,
280.279

■ 50, 1.761, 277.660

■ 39, 18.681,

■ 53, 3.615, 96.474

281.947

57, 8.870, 95.557

35, 24.618,
283.882

60, 14.008, 94.740

32, 30.730,
286.114

64, 19.033, 94.017

28, 37.033,
288.656

67, 23.947, 93.376

25, 43.531,
291.484

74, 33.458, 92.291

22, 50.177,
294.519

78, 38.062, 91.829

19, 56.823,
297.602

17, 61.213,
299.439

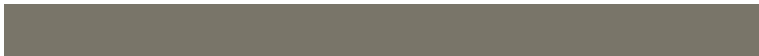
Harmonies

Complementary

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



46, 7.265, 278.854



49, 7.199, 95.709

Rectangle

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



46, 7.265, 278.854



46, 7.265, 328.854



46, 7.265, 98.854



46, 7.265, 148.854

Sweetspot

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



46, 7.264, 278.848



63, 2.711, 277.745



49, 6.829, 177.188



32, 1.917, 277.812



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



46, 7.264, 278.848



58, 10.980, 279.277



45, 9.689, 300.139



24, 3.109, 278.317



18, 62.925, 299.551



39, 111.455, 301.173

Inverse Universe

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



46, 7.062, 0.694



58, 10.710, 1.034



50, 9.439, 118.467



24, 3.009, 0.260



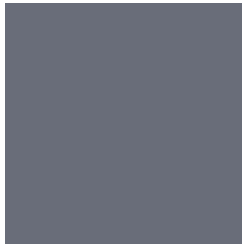
25, 52.368, 23.366



53, 90.161, 26.657

Previews

White Background



This preview shows how the CIELCh color 46, 7.265, 278.854 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, 7.265, 278.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

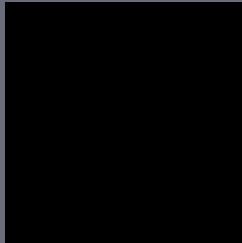
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

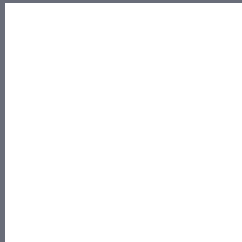
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 7.265, 278.854

Background



This preview shows how black text looks on a background with the CIELCh color 46, 7.265, 278.854.

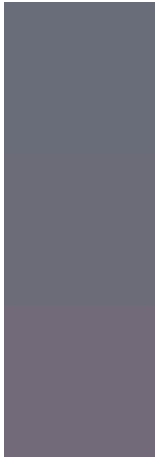


This preview shows how white text looks on a background with the CIELCh color 46, 7.265, 278.854.

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, 7.265, 278.854

Protanopia

46, 7.143, 288.037

Deuteranopia

46, 9.512, 310.735



Tritanopia
46, 5.658, 270.718

Trichromacy



Original Color

46, 7.265, 278.854

Protanomaly

46, 7.168, 284.933

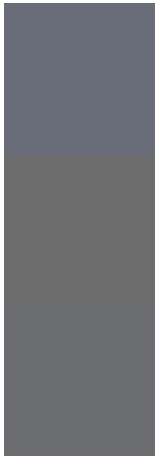
Deuteranomaly

46, 8.505, 301.941

Tritanomaly

46, 6.216, 272.752

Monochromacy



Original Color

46, 7.265, 278.854

Achromatopsia

46, 0.006, 296.813

Achromatomaly

46, 2.499, 271.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 7.265, 278.854 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(105, 109, 121)` looks like.

```
.text, #text, p{  
    color:rgb(105, 109, 121)  
}
```

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(105, 109, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 109, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 7.265, 278.854 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(105, 109, 121) }
```

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

```
.border{ border-color:rgb(105, 109, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 109, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 109, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 109, 121);  
box-shadow:4px 4px 4px 4px rgb(105, 109,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 7.265, 278.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 109, 121) }
```

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

```
.background{ background-color: rgb(105,  
109, 121) }
```

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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