

Converting Colors

CIELCh(46, 4.849, 324.992)

Have a look what the booklet for
CIELCh(46, 4.849, 324.992) contains.

CIELCh(46, 5.062, 324.727)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(46, 5.062, 324.727)

Conversions

Conversions Part 1

Format	Color
Hex	726B72
RGB	114, 107, 114
RGB Percent	45%, 42%, 45%
CMY	0.5535, 0.5809, 0.5535
CMYK	0.00, 0.06, 0.00, 0.55
HSL	300°, 3%, 43%
HSV	300°, 6%, 45%
XYZ	15.1961, 15.2687, 18.0265
YIQ	109.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

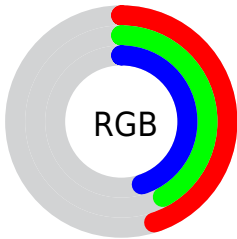
Format	Color
R_{YB}	114, 107, 114
Decimal	7498610
CIE Lab	46.00, 4.13, -2.92
CIE LCh	46, 5.062, 324.727
Yxy	15.2687, 0.3134, 0.3149
Android (android.graphics.Color)	4285688690 (0xFF726B72)
YUV	109.8910, 2.0257, 3.6036
Hunter-Lab	39.0751, 1.0363, 0.0004

Details

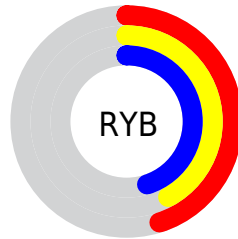
The CIELCh color **46, 5.062, 324.727** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **47, 5.049, 144.143**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 5.401, 324.659**, and **26, 4.772, 324.854** is the 20% darker color. If you saturate the color by 10%, you get **43, 13.361, 325.268**, and if you desaturate by 10%, it is **49, 3.139, 144.300**.

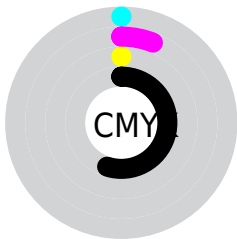
Distribution



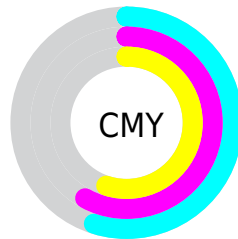
- Red (45%)
- Green (42%)
- Blue (45%)



- Red (45%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 5.062, 324.727 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, 5.062, 324.727 by changing the saturation by 10% instead.

■ 46, 5.062, 324.727

■ 46, 5.062, 324.727

■ 100, 5.062,
324.727

■ 36, 5.062, 324.727

■ 66, 5.062, 324.727

■ 26, 5.062, 324.727

■ 76, 5.062, 324.727

■ 16, 5.062, 324.727

■ 86, 5.062, 324.727

■ 6, 5.062, 324.727

■ 96, 5.062, 324.727

■ 0, 5.062, 324.727

■ 46, 5.062, 324.727

■ 46, 5.062, 324.727

■ 43, 13.361,
325.268

■ 49, 3.139, 144.300

■ 40, 21.663,

■ 53, 11.172,
143.756

325.788

56, 19.000,
143.263

37, 29.822,
326.288

59, 26.603,
142.795

34, 37.640,
326.757

63, 33.974,
142.351

32, 44.872,
327.180

66, 41.114,
141.932

30, 51.232,
327.544

70, 48.028,
141.540

28, 56.438,
327.835

73, 54.726,
141.173

27, 60.267,
328.045

76, 61.220,
140.831

26, 62.817,
328.182

Harmonies

Complementary

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



46, 5.062, 324.727



47, 5.049, 144.143

Rectangle

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



46, 5.062, 324.727



46, 5.062, 14.727



46, 5.062, 144.727



46, 5.062, 194.727

Sweetspot

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



46, 5.061, 324.727



60, 2.039, 324.447



45, 4.173, 290.770



31, 1.152, 324.430



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



46, 5.061, 324.727



58, 7.147, 324.786



46, 3.558, 344.055



22, 3.663, 324.786



28, 66.124, 328.233



59, 112.930, 328.233

Inverse Universe

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



46, 5.061, 324.727



58, 7.147, 324.786



47, 3.525, 163.248



22, 3.663, 324.786



28, 66.124, 328.233



59, 112.930, 328.233

Previews

White Background



This preview shows how the CIELCh color 46, 5.062, 324.727 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, 5.062, 324.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

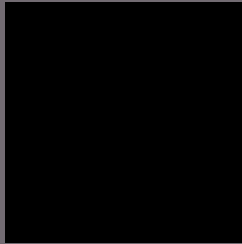
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 5.062, 324.727

Background



This preview shows how black text looks on a background with the CIELCh color 46, 5.062, 324.727.



This preview shows how white text looks on a background with the CIELCh color 46, 5.062, 324.727.

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, 5.062, 324.727

Protanopia

46, 4.192, 296.228

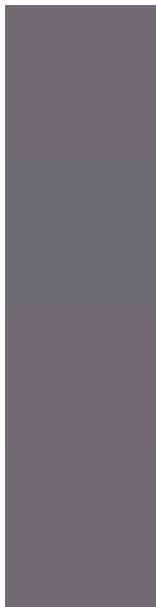
Deuteranopia

46, 6.554, 333.766



Tritanopia
46, 5.561, 321.289

Trichromacy



Original Color

46, 5.062, 324.727

Protanomaly

46, 4.351, 306.796

Deuteranomaly

46, 6.282, 331.003

Tritanomaly

46, 5.561, 321.289

Monochromacy



Original Color

46, 5.062, 324.727

Achromatopsia

46, 0.006, 296.813

Achromatomaly

46, 1.452, 324.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 5.062, 324.727 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, 107, 114)` looks like.

```
.text, #text, p{  
    color:rgb(114, 107, 114)  
}
```

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, 107, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 107, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 5.062, 324.727 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, 107, 114) }
```

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

```
.border{ border-color:rgb(114, 107, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 107, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 107, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 107, 114);  
box-shadow:4px 4px 4px 4px rgb(114, 107,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 5.062, 324.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 107, 114) }
```

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

```
.background{ background-color: rgb(114,  
107, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor