

Converting Colors

CIELCh(46, 5.082, 344.272)

Have a look what the booklet for
CIELCh(46, 5.082, 344.272) contains.

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Color

CIELCh(46, 5.083, 344.278)

Conversions

Conversions Part 1

Format	Color
Hex	746A6F
RGB	116, 106, 111
RGB Percent	45%, 42%, 44%
CMY	0.5438, 0.5830, 0.5634
CMYK	0.00, 0.09, 0.04, 0.54
HSL	330°, 4%, 44%
HSV	330°, 9%, 46%
XYZ	15.3242, 15.2687, 17.2759
YIQ	109.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

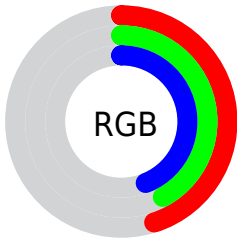
Format	Color
R_{YB}	116, 106, 111
Decimal	7629423
CIE _{Lab}	46.00, 4.89, -1.38
CIE _{LCh}	46, 5.083, 344.278
Yxy	15.2687, 0.3201, 0.3190
Android (android.graphics.Color)	4285819503 (0xFF746A6F)
YUV	109.5600, 0.7099, 5.6479
Hunter-Lab	39.0751, 1.6213, 1.1393

Details

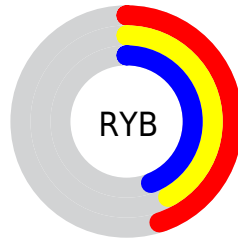
The CIELCh color $46, 5.083, 344.278$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 5.024, 163.032$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 5.382, 341.726$, and $26, 4.860, 347.757$ is the 20% darker color. If you saturate the color by 10%, you get $43, 11.108, 345.175$, and if you desaturate by 10%, it is $49, 0.812, 163.890$.

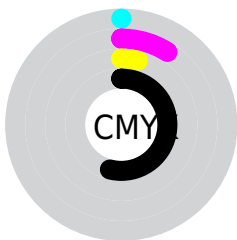
Distribution



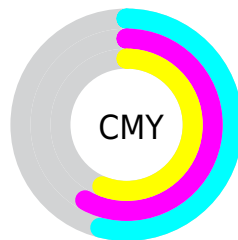
- Red (45%)
- Green (42%)
- Blue (44%)



- Red (45%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 5.083, 344.278 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, 5.083, 344.278 by changing the saturation by 10% instead.

■ 46, 5.083, 344.278

■ 46, 5.083, 344.278

■ 100, 5.083,
344.278

■ 36, 5.083, 344.278

■ 66, 5.083, 344.278

■ 26, 5.083, 344.278

■ 76, 5.083, 344.278

■ 16, 5.083, 344.278

■ 86, 5.083, 344.278

■ 6, 5.083, 344.278

■ 96, 5.083, 344.278

■ 0, 5.083, 344.278

■ 46, 5.083, 344.278

■ 46, 5.083, 344.278

■ 43, 11.108,
345.175

■ 49, 0.812, 163.890

■ 39, 17.202,

■ 53, 6.536, 162.878

346.144

57, 12.073,
162.198

36, 23.255,
347.232

60, 17.421,
161.579

33, 29.108,
348.480

64, 22.584,
161.007

31, 34.541,
349.945

67, 27.571,
160.476

28, 39.285,
351.706

71, 32.392,
159.980

26, 43.057,
353.869

74, 37.061,
159.516

25, 45.640,
356.569

78, 41.588,
159.082

24, 47.385,
359.702

Harmonies

Complementary

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



46, 5.083, 344.278



48, 5.024, 163.032

Rectangle

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



46, 5.083, 344.278



46, 5.083, 34.278



46, 5.083, 164.278



46, 5.083, 214.278

Sweetspot

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



46, 5.082, 344.283



61, 2.176, 343.744



46, 6.313, 309.419



32, 1.663, 343.829



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



46, 5.082, 344.283



58, 7.309, 344.429



46, 4.167, 19.830



23, 3.350, 344.323



25, 49.386, 0.371



54, 83.347, 2.904

Inverse Universe

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



46, 5.082, 344.283



58, 7.309, 344.429



48, 3.958, 199.052



23, 3.350, 344.323



25, 49.386, 0.371



54, 83.347, 2.904

Previews

White Background



This preview shows how the CIELCh color 46, 5.083, 344.278 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, 5.083, 344.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

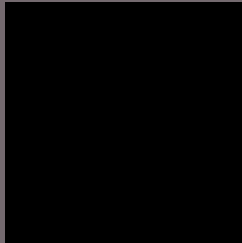
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 5.083, 344.278

Background



This preview shows how black text looks on a background with the CIELCh color 46, 5.083, 344.278.



This preview shows how white text looks on a background with the CIELCh color 46, 5.083, 344.278.

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, 5.083, 344.278

Protanopia

46, 3.095, 305.689

Deuteranopia

46, 5.774, 349.220



Tritanopia
46, 6.554, 333.766

Trichromacy



Original Color

46, 5.083, 344.278

Protanomaly

46, 3.624, 324.627

Deuteranomaly

46, 5.423, 346.900

Tritanomaly

46, 6.143, 337.589

Monochromacy



Original Color

46, 5.083, 344.278

Achromatopsia

46, 0.006, 296.813

Achromatomaly

46, 1.371, 353.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 5.083, 344.278 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(116, 106, 111)` looks like.

```
.text, #text, p{  
    color:rgb(116, 106, 111)  
}
```

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(116, 106, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 106, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 5.083, 344.278 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(116, 106, 111) }
```

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

```
.border{ border-color:rgb(116, 106, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 106, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 106, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 106, 111);  
box-shadow:4px 4px 4px 4px rgb(116, 106,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 5.083, 344.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 106, 111) }
```

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

```
.background{ background-color: rgb(116,  
106, 111) }
```

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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