

Converting Colors

CIELCh(46, 9.759, 332.045)

Have a look what the booklet for
CIELCh(46, 9.759, 332.045) contains.

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Color

CIELCh(46, 10.108, 330.861)

Conversions

Conversions Part 1

Format	Color
Hex	786875
RGB	120, 104, 117
RGB Percent	47%, 41%, 46%
CMY	0.5282, 0.5910, 0.5400
CMYK	0.00, 0.13, 0.02, 0.53
HSL	311°, 7%, 44%
HSV	311°, 13%, 47%
XYZ	15.9988, 15.2687, 19.0288
YIQ	110.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

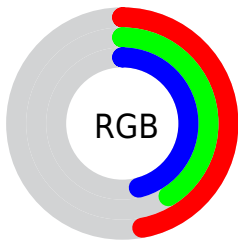
Format	Color
R_{YB}	120, 104, 117
Decimal	7891061
CIE _{Lab}	46.00, 8.83, -4.92
CIE _{LCh}	46, 10.108, 330.861
Yxy	15.2687, 0.3181, 0.3036
Android (android.graphics.Color)	4286081141 (0xFF786875)
YUV	110.2660, 3.3199, 8.5367
Hunter-Lab	39.0751, 4.7028, -1.5204

Details

The CIELCh color $46, 10.108, 330.861$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 10.075, 149.279$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 10.119, 330.287$, and $26, 10.018, 329.650$ is the 20% darker color. If you saturate the color by 10%, you get $43, 17.765, 331.484$, and if you desaturate by 10%, it is $49, 2.495, 330.206$.

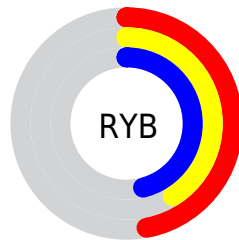
Distribution



Red (47%)

Green (41%)

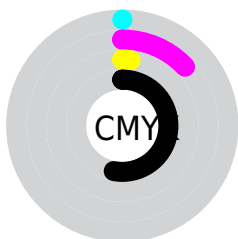
Blue (46%)



Red (47%)

Yellow (41%)

Blue (46%)

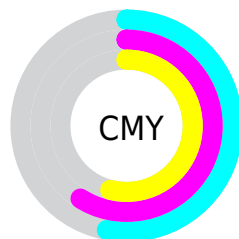


Cyan (0%)

Magenta (13%)

Yellow (2%)

Black (53%)



Cyan (53%)


Magenta (59%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 10.108, 330.861 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, 10.108, 330.861 by changing the saturation by 10% instead.


 46, 10.108,
330.861


 46, 10.108,
330.861


 100, 10.108,
330.861


 36, 10.108,
330.861

 66, 10.108,
330.861


 26, 10.108,
330.861

 76, 10.108,
330.861

 16, 10.108,
330.861


 86, 10.108,
330.861

 6, 10.108, 330.861

 96, 10.108,
330.861

 0, 10.108, 330.861

 46, 10.108,

 46, 10.108,

330.861

330.861

■ 43, 17.765,
331.484

■ 49, 2.495, 330.206

■ 40, 25.351,
332.118

■ 53, 4.991, 149.763

■ 37, 32.690,
332.768

■ 56, 12.305,
149.192

■ 34, 39.552,
333.434

■ 60, 19.421,
148.665

■ 32, 45.650,
334.120

■ 64, 26.330,
148.167

■ 30, 50.671,
334.837

■ 67, 33.032,
147.697

■ 28, 54.332,
335.601

■ 71, 39.531,
147.252

■ 27, 56.482,
336.437

■ 74, 45.837,
146.832

■ 26, 57.604,
337.006

■ 78, 51.961,
146.436

Harmonies

Complementary

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



46, 10.108, 330.861



49, 10.075, 149.279

Rectangle

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



46, 10.108, 330.861



46, 10.108, 20.861



46, 10.108, 150.861



46, 10.108, 200.861

Sweetspot

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



46, 10.106, 330.862



62, 3.730, 330.269



45, 9.659, 298.307



32, 2.672, 330.316



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, 10.106, 330.862



57, 15.022, 331.053



46, 7.291, 356.000



24, 4.329, 330.600



28, 59.158, 337.047



57, 98.858, 337.624

Inverse Universe

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



46, 10.106, 330.862



57, 15.022, 331.053



49, 7.046, 173.680



24, 4.329, 330.600



28, 59.158, 337.047



57, 98.858, 337.624

Previews

White Background



This preview shows how the CIELCh color 46, 10.108, 330.861 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, 10.108, 330.861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

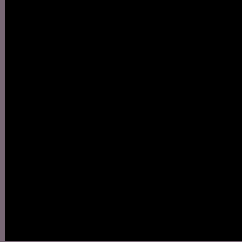
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 10.108, 330.861

Background



This preview shows how black text looks on a background with the CIELCh color 46, 10.108, 330.861.



This preview shows how white text looks on a background with the CIELCh color 46, 10.108, 330.861.

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, 10.108, 330.861

Protanopia

46, 7.139, 291.167

Deuteranopia

46, 7.714, 322.387



Tritanopia
46, 7.784, 342.840

Trichromacy



Original Color
46, 10.108, 330.861

Protanomaly
46, 7.439, 306.573

Deuteranomaly
46, 8.889, 327.160

Tritanomaly
46, 8.541, 336.486

Monochromacy



Original Color
46, 10.108, 330.861

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 3.143, 330.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 10.108, 330.861 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(120, 104, 117)` looks like.

```
.text, #text, p{  
    color:rgb(120, 104, 117)  
}
```

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(120, 104, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 104, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 10.108, 330.861 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(120, 104, 117) }
```

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

```
.border{ border-color:rgb(120, 104, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 104, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 104, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 104, 117);  
box-shadow:4px 4px 4px 4px rgb(120, 104,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 10.108, 330.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 104, 117) }
```

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

```
.background{ background-color: rgb(120,  
104, 117) }
```

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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