

Converting Colors

CIELCh(46, 8.001, 104.127)

Have a look what the booklet for
CIELCh(46, 8.001, 104.127) contains.

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Color

CIELCh(46, 7.732, 102.747)

Conversions

Conversions Part 1

Format	Color
Hex	6F6D60
RGB	111, 109, 96
RGB Percent	44%, 43%, 38%
CMY	0.5633, 0.5711, 0.6221
CMYK	0.00, 0.02, 0.13, 0.56
HSL	52°, 7%, 41%
HSV	52°, 13%, 44%
XYZ	14.2362, 15.2687, 13.3488
YIQ	108.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

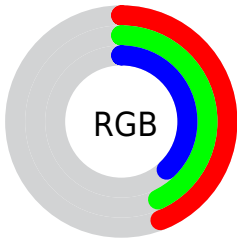
Format	Color
RYB	98, 111, 96
Decimal	7302496
CIELab	46.00, -1.71, 7.54
CIElCh	46, 7.732, 102.747
Yxy	15.2687, 0.3322, 0.3563
Android (android.graphics.Color)	4285492576 (0xFF6F6D60)
YUV	108.1160, -5.9732, 2.5293
Hunter-Lab	39.0751, -3.3486, 7.0981

Details

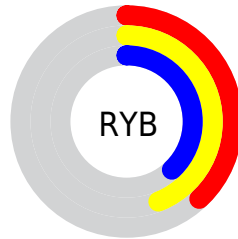
The CIELCh color $46, 7.732, 102.747$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42, 7.892, 285.633$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 7.265, 100.047$, and $26, 7.818, 105.039$ is the 20% darker color. If you saturate the color by 10%, you get $45, 13.481, 101.714$, and if you desaturate by 10%, it is $47, 1.987, 103.748$.

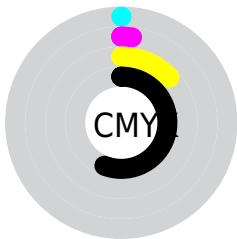
Distribution



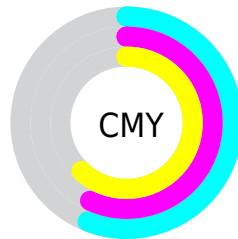
- Red (44%)
- Green (43%)
- Blue (38%)



- Red (38%)
- Yellow (44%)
- Blue (38%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (56%)



- Cyan (56%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 7.732, 102.747 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, 7.732, 102.747 by changing the saturation by 10% instead.

■ 46, 7.732, 102.747

■ 46, 7.732, 102.747

■ 100, 7.732,
102.747

■ 36, 7.732, 102.747

■ 66, 7.732, 102.747

■ 26, 7.732, 102.747

■ 76, 7.732, 102.747

■ 16, 7.732, 102.747

■ 86, 7.732, 102.747

■ 6, 7.732, 102.747

■ 96, 7.732, 102.747

■ 0, 7.732, 102.747

■ 46, 7.732, 102.747

■ 46, 7.732, 102.747

■ 45, 13.481,
101.714

■ 47, 1.987, 103.748

■ 45, 19.199,

■ 47, 3.736, 284.802

100.654

48, 9.427, 285.747

44, 24.832, 99.587

49, 15.078,
286.663

43, 30.294, 98.524

50, 20.685,
287.541

43, 35.443, 97.476

42, 40.065, 96.455

51, 26.245,
288.377

42, 43.863, 95.464

52, 31.759,
289.172

41, 46.552, 94.501

41, 48.214, 93.896

53, 37.224,
289.925

54, 42.641,
290.637

Harmonies

Complementary

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



46, 7.732, 102.747



42, 7.892, 285.633

Rectangle

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



46, 7.732, 102.747



46, 7.732, 152.747



46, 7.732, 282.747



46, 7.732, 332.747

Sweetspot

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



46, 7.733, 102.756



60, 2.846, 103.691



42, 6.484, 9.566



31, 2.039, 103.632



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, 7.733, 102.756



59, 11.426, 102.451



46, 9.177, 123.628



23, 3.243, 103.211



44, 50.776, 93.816



86, 86.343, 93.237

Inverse Universe

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



42, 7.892, 285.633



53, 11.709, 285.999



42, 9.385, 304.969



21, 3.291, 285.112



14, 69.357, 303.485



34, 123.189, 304.621

Previews

White Background



This preview shows how the CIELCh color 46, 7.732, 102.747 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, 7.732, 102.747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

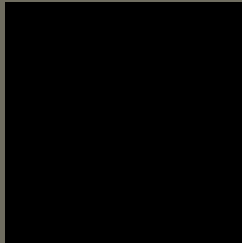
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 7.732, 102.747

Background



This preview shows how black text looks on a background with the CIELCh color 46, 7.732, 102.747.



This preview shows how white text looks on a background with the CIELCh color 46, 7.732, 102.747.

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, 7.732, 102.747

Protanopia

46, 7.974, 93.483

Deuteranopia

46, 9.540, 49.808



Tritanopia
46, 5.561, 321.289

Trichromacy



Original Color
46, 7.732, 102.747

Protanomaly
46, 7.869, 96.512

Deuteranomaly
46, 7.873, 68.278

Tritanomaly
46, 2.061, 19.483

Monochromacy



Original Color
46, 7.732, 102.747

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 2.401, 99.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 7.732, 102.747 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(111, 109, 96)` looks like.

```
.text, #text, p{  
    color:rgb(111, 109, 96)  
}
```

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(111, 109, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 109, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 7.732, 102.747 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(111, 109, 96) }
```

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

```
.border{ border-color:rgb(111, 109, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 109, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 109, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 109, 96);  
box-shadow:4px 4px 4px 4px rgb(111, 109,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 7.732, 102.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 109, 96) }
```

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

```
.background{ background-color: rgb(111,  
109, 96) }
```

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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