

Converting Colors

CIELCh(46, 9.328, 107.369)

Have a look what the booklet for
CIELCh(46, 9.328, 107.369) contains.

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Color

CIELCh(46, 9.447, 108.850)

Conversions

Conversions Part 1

Format	Color
Hex	6E6E5E
RGB	110, 110, 94
RGB Percent	43%, 43%, 37%
CMY	0.5687, 0.5687, 0.6315
CMYK	0.00, 0.00, 0.15, 0.57
HSL	60°, 8%, 40%
HSV	60°, 15%, 43%
XYZ	14.0208, 15.2687, 12.7928
YIQ	108.1760, 5.1360, -4.9760

Conversions

Conversions Part 2

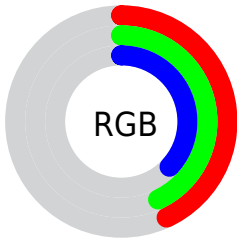
Format	Color
R_{YB}	94, 110, 94
Decimal	7237214
CIE Lab	46.00, -3.05, 8.94
CIE LCh	46, 9.447, 108.850
Yxy	15.2687, 0.3332, 0.3628
Android (android.graphics.Color)	4285427294 (0xFF6E6E5E)
YUV	108.1760, -6.9888, 1.5996
Hunter-Lab	39.0751, -4.3327, 7.9416

Details

The CIELCh color **46, 9.447, 108.850** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **40, 9.749, 291.656**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 9.915, 109.126**, and **26, 9.734, 111.008** is the 20% darker color. If you saturate the color by 10%, you get **46, 15.885, 107.941**, and if you desaturate by 10%, it is **46, 2.956, 109.759**.

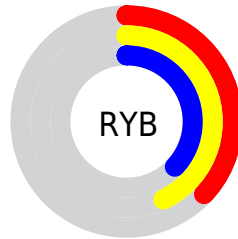
Distribution



Red (43%)

Green (43%)

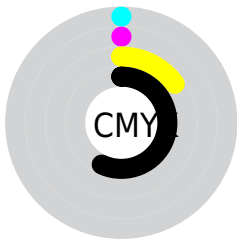
Blue (37%)



Red (37%)

Yellow (43%)

Blue (37%)

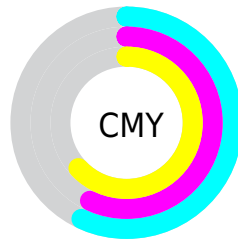


Cyan (0%)

Magenta (0%)

Yellow (15%)

Black (57%)



Cyan (57%)













Magenta (57%)







Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 9.447, 108.850 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, 9.447, 108.850 by changing the saturation by 10% instead.

 46, 9.447, 108.850	 46, 9.447, 108.850
 100, 9.447, 108.850	 36, 9.447, 108.850
 66, 9.447, 108.850	 26, 9.447, 108.850
 76, 9.447, 108.850	 16, 9.447, 108.850
 86, 9.447, 108.850	 6, 9.447, 108.850
 96, 9.447, 108.850	 0, 9.447, 108.850

 46, 9.447, 108.850	 46, 9.447, 108.850
 46, 15.885, 107.941	 46, 2.956, 109.759
 46, 22.219,	 47, 3.558, 290.683

107.033

■ 47, 10.072,
291.549

■ 45, 28.373,
106.151

■ 47, 16.571,
292.392

■ 45, 34.237,
105.316

■ 48, 23.043,
293.202

■ 45, 39.643,
104.557

■ 48, 29.479,
293.975

■ 45, 44.364,
103.905

■ 49, 35.874,
294.710

■ 45, 48.126,
103.396

■ 49, 42.221,
295.405

■ 45, 50.779,
103.042

■ 50, 48.514,
296.061

■ 45, 52.155,
102.861

Harmonies

Complementary

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



46, 9.447, 108.850



40, 9.749, 291.656

Rectangle

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



46, 9.447, 108.850



46, 9.447, 158.850



46, 9.447, 288.850



46, 9.447, 338.850

Sweetspot

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



46, 9.448, 108.856



59, 3.219, 109.798



41, 6.882, 20.279



30, 2.272, 109.745



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



46, 9.448, 108.856



59, 13.665, 108.591



45, 10.087, 128.460



23, 3.716, 109.360



49, 55.449, 102.861



95, 94.699, 102.862

Inverse Universe

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



40, 9.749, 291.656



51, 14.190, 291.991



41, 10.280, 309.689



21, 3.792, 291.061



12, 76.565, 306.288



31, 130.762, 306.288

Previews

White Background



This preview shows how the CIELCh color 46, 9.447, 108.850 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, 9.447, 108.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

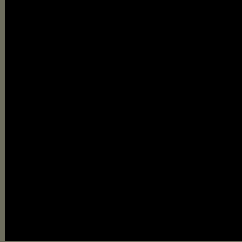
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

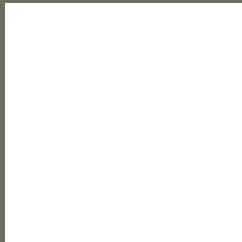
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 9.447, 108.850

Background



This preview shows how black text looks on a background with the CIELCh color 46, 9.447, 108.850.



This preview shows how white text looks on a background with the CIELCh color 46, 9.447, 108.850.

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, 9.447, 108.850

Protanopia

46, 9.696, 95.939

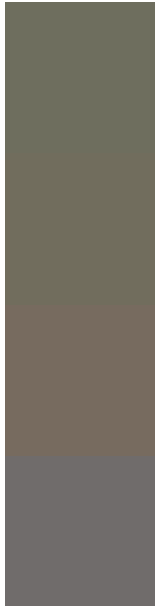
Deuteranopia

46, 10.237, 55.282



Tritanopia
46, 5.365, 317.551

Trichromacy



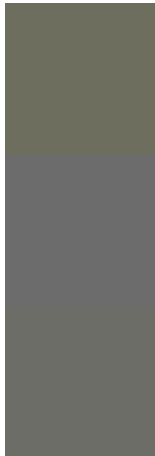
Original Color
46, 9.447, 108.850

Protanomaly
46, 9.609, 98.471

Deuteranomaly
46, 8.823, 73.031

Tritanomaly
46, 1.748, 39.188

Monochromacy



Original Color
46, 9.447, 108.850

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 3.551, 109.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 9.447, 108.850 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(110, 110, 94)` looks like.

```
.text, #text, p{  
    color:rgb(110, 110, 94)  
}
```

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(110, 110, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 110, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 9.447, 108.850 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(110, 110, 94) }
```

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

```
.border{ border-color:rgb(110, 110, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 110, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 110, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 110, 94);  
box-shadow:4px 4px 4px 4px rgb(110, 110,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 9.447, 108.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 110, 94) }
```

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

```
.background{ background-color: rgb(110,  
110, 94) }
```

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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