

Converting Colors

CIELCh(46, 17.004, 109.296)

Have a look what the booklet for
CIELCh(46, 17.004, 109.296)
contains.

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Color

CIELCh(46, 17.029, 109.278)

Conversions

Conversions Part 1

Format	Color
Hex	6E6F52
RGB	110, 111, 82
RGB Percent	43%, 44%, 32%
CMY	0.5690, 0.5650, 0.6787
CMYK	0.01, 0.00, 0.26, 0.57
HSL	62°, 15%, 38%
HSV	62°, 26%, 43%
XYZ	13.6156, 15.2687, 10.1965
YIQ	107.3950, 8.7130, -9.2310

Conversions

Conversions Part 2

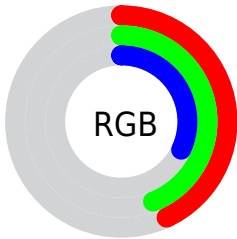
Format	Color
R_{YB}	82, 111, 83
Decimal	7237458
CIE Lab	46.00, -5.62, 16.07
CIE LCh	46, 17.029, 109.278
Yxy	15.2687, 0.3484, 0.3907
Android (android.graphics.Color)	4285427538 (0xFF6E6F52)
YUV	107.3950, -12.5197, 2.2846
Hunter-Lab	39.0751, -6.1837, 11.8812

Details

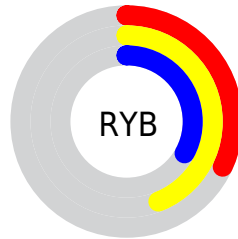
The CIELCh color $46, 17.029, 109.278$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $36, 18.054, 294.268$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 17.027, 109.739$, and $26, 16.682, 108.440$ is the 20% darker color. If you saturate the color by 10%, you get $46, 23.386, 108.425$, and if you desaturate by 10%, it is $46, 10.558, 110.149$.

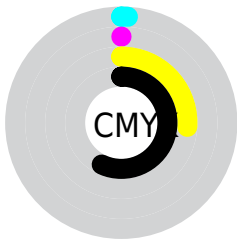
Distribution



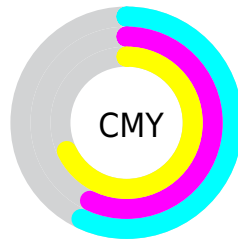
- Red (43%)
- Green (44%)
- Blue (32%)



- Red (32%)
- Yellow (44%)
- Blue (33%)



- Cyan (1%)
- Magenta (0%)
- Yellow (26%)
- Black (57%)




- Cyan (57%)
- Magenta (57%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 17.029, 109.278 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, 17.029, 109.278 by changing the saturation by 10% instead.


 46, 17.029,
109.278


 46, 17.029,
109.278


 100, 17.029,
109.278


 36, 17.029,
109.278

 66, 17.029,
109.278


 26, 17.029,
109.278

 76, 17.029,
109.278

 16, 17.029,
109.278


 86, 17.029,
109.278

 6, 17.029, 109.278

 96, 17.029,
109.278

 0, 17.029, 109.278

 46, 17.029,

 46, 17.029,

109.278

■ 46, 23.386,
108.425

■ 46, 29.547,
107.599

■ 45, 35.390,
106.827

■ 45, 40.741,
106.143

■ 45, 45.360,
105.586

■ 45, 48.969,
105.199

■ 45, 51.536,
104.981

■ 45, 52.519,
104.896

109.278

■ 46, 10.558,
110.149

■ 47, 4.023, 111.008

■ 47, 2.538, 291.879

■ 47, 9.103, 292.695

■ 48, 15.654,
293.491

■ 48, 22.178,
294.254

■ 49, 28.667,
294.981

■ 49, 35.112,
295.671

■ 50, 41.507,

Harmonies

Complementary

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



46, 17.029, 109.278



36, 18.054, 294.268

Rectangle

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



46, 17.029, 109.278



46, 17.029, 159.278



46, 17.029, 289.278



46, 17.029, 339.278

Sweetspot

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



46, 17.030, 109.282



60, 6.540, 110.832



38, 12.597, 23.873



31, 4.683, 110.725



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, 17.030, 109.282



59, 25.118, 108.791



45, 18.399, 129.105



23, 3.718, 110.764



48, 55.501, 104.913



94, 94.797, 105.030

Inverse Universe

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



36, 18.054, 294.268



44, 27.025, 295.020



37, 18.988, 311.362



21, 3.794, 292.365



12, 76.352, 306.458



31, 130.611, 306.358

Previews

White Background



This preview shows how the CIE LCh color 46, 17.029, 109.278 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, 17.029, 109.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

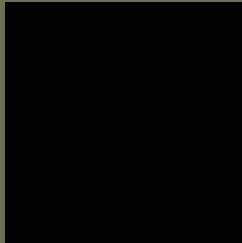
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

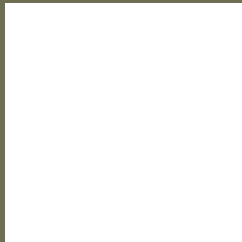
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 17.029, 109.278

Background



This preview shows how black text looks on a background with the CIELCh color 46, 17.029, 109.278.



This preview shows how white text looks on a background with the CIELCh color 46, 17.029, 109.278.

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, 17.029, 109.278

Protanopia

46, 16.883, 95.549

Deuteranopia

46, 16.685, 67.723



Tritanopia
46, 5.561, 321.289

Trichromacy



Original Color
46, 17.029, 109.278

Protanomaly
46, 17.136, 101.779

Deuteranomaly
46, 15.568, 84.305

Tritanomaly
46, 3.616, 74.334

Monochromacy



Original Color
46, 17.029, 109.278

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 5.929, 109.334

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 17.029, 109.278 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(110, 111, 82)` looks like.

```
.text, #text, p{  
    color:rgb(110, 111, 82)  
}
```

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, 111, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 111, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 17.029, 109.278 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(110, 111, 82) }
```

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

```
.border{ border-color:rgb(110, 111, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 111, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 111, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 111, 82);  
box-shadow:4px 4px 4px 4px rgb(110, 111,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 17.029, 109.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 111, 82) }
```

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

```
.background{ background-color: rgb(110,  
111, 82) }
```

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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