

Converting Colors

CIELCh(46, 11.314, 175.105)

Have a look what the booklet for
CIELCh(46, 11.314, 175.105)
contains.

CIELCh(46, 11.106, 176.089)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(46, 11.106, 176.089)

Conversions

Conversions Part 1

Format	Color
Hex	58726B
RGB	88, 114, 107
RGB Percent	35%, 45%, 42%
CMY	0.6536, 0.5516, 0.5791
CMYK	0.23, 0.00, 0.06, 0.55
HSL	164°, 13%, 40%
HSV	164°, 23%, 45%
XYZ	12.7811, 15.2687, 16.2740
YIQ	105.4280, -13.2490, -7.6890

Conversions

Conversions Part 2

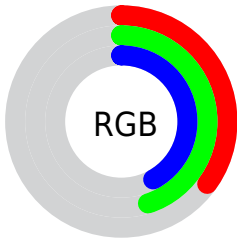
Format	Color
R_{YB}	88, 103, 114
Decimal	5796459
CIE Lab	46.00, -11.08, 0.76
CIE LCh	46, 11.106, 176.089
Yxy	15.2687, 0.2884, 0.3445
Android (android.graphics.Color)	4283986539 (0xFF58726B)
YUV	105.4280, 0.7750, -15.2844
Hunter-Lab	39.0751, -9.9958, 2.6594

Details

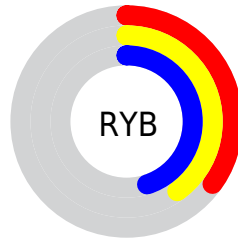
The CIELCh color $46, 11.106, 176.089$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $40, 11.911, 0.352$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 11.363, 175.432$, and $26, 10.913, 176.399$ is the 20% darker color. If you saturate the color by 10%, you get $45, 15.724, 175.067$, and if you desaturate by 10%, it is $47, 6.299, 177.049$.

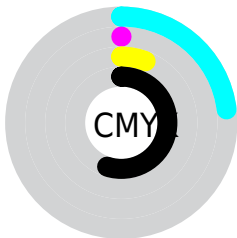
Distribution



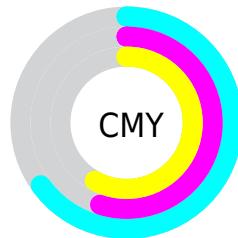
- Red (35%)
- Green (45%)
- Blue (42%)



- Red (35%)
- Yellow (40%)
- Blue (45%)



- Cyan (23%)
- Magenta (0%)
- Yellow (6%)
- Black (55%)




- Cyan (65%)
- Magenta (55%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 11.106, 176.089 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, 11.106, 176.089 by changing the saturation by 10% instead.


 46, 11.106,
176.089


 46, 11.106,
176.089


 100, 11.106,
176.089


 36, 11.106,
176.089

 66, 11.106,
176.089


 26, 11.106,
176.089

 76, 11.106,
176.089

 16, 11.106,
176.089


 86, 11.106,
176.089

 6, 11.106, 176.089

 96, 11.106,
176.089

 0, 11.106, 176.089

 46, 11.106,

 46, 11.106,

176.089

176.089

■ 45, 15.724,
175.067

■ 47, 6.299, 177.049

■ 45, 20.077,
173.971

■ 48, 1.367, 178.120

■ 49, 3.631, 358.631

■ 44, 24.090,
172.777

■ 50, 8.646, 359.480

■ 43, 27.691,
171.465

■ 51, 13.640, 0.255

■ 53, 18.586, 0.992

■ 43, 30.826,
170.013

■ 54, 23.461, 1.698

■ 43, 33.462,
168.401

■ 56, 28.252, 2.376

■ 57, 32.948, 3.030

■ 43, 35.606,
166.620

■ 42, 37.054,
165.357

Harmonies

Complementary

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



46, 11.106, 176.089



40, 11.911, 0.352

Rectangle

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



46, 11.106, 176.089



46, 11.106, 226.089



46, 11.106, 356.089



46, 11.106, 46.089

Sweetspot

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



46, 11.107, 176.086



60, 4.289, 177.588



46, 17.283, 135.261



31, 2.769, 177.551



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, 11.107, 176.086



58, 16.154, 175.591



44, 8.372, 222.472



23, 2.744, 177.410



44, 38.386, 165.242



87, 66.809, 163.967

Inverse Universe

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



40, 11.911, 0.352



50, 17.608, 0.956



42, 9.645, 40.934



22, 2.821, 358.858



24, 50.263, 21.450



52, 87.706, 24.962

Previews

White Background



This preview shows how the CIELCh color 46, 11.106, 176.089 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, 11.106, 176.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

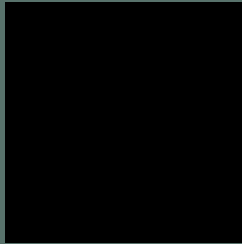
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

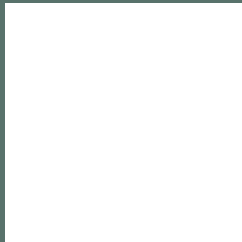
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 11.106, 176.089

Background



This preview shows how black text looks on a background with the CIELCh color 46, 11.106, 176.089.

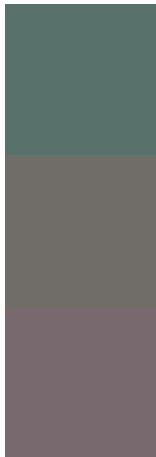


This preview shows how white text looks on a background with the CIELCh color 46, 11.106, 176.089.

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, 11.106, 176.089

Protanopia

46, 2.886, 74.517

Deuteranopia

46, 6.277, 357.988



Tritanopia
46, 9.362, 233.734

Trichromacy



Original Color
46, 11.106, 176.089

Protanomaly
46, 4.150, 153.359

Deuteranomaly
46, 0.006, 296.813

Tritanomaly
46, 8.890, 210.114

Monochromacy



Original Color
46, 11.106, 176.089

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 4.086, 173.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 11.106, 176.089 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(88, 114, 107)` looks like.

```
.text, #text, p{  
    color:rgb(88, 114, 107)  
}
```

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(88, 114, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 114, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 11.106, 176.089 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(88, 114, 107) }
```

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

```
.border{ border-color:rgb(88, 114, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 114, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 114, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 114, 107);  
box-shadow:4px 4px 4px 4px rgb(88, 114,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 11.106, 176.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 114, 107) }
```

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

```
.background{ background-color: rgb(88, 114,  
107) }
```

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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