

Converting Colors

CIELCh(46, 21.061, 182.973)

Have a look what the booklet for
CIELCh(46, 21.061, 182.973)
contains.

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Color

CIELCh(46, 21.130, 182.335)

Conversions

Conversions Part 1

Format	Color
Hex	3E776E
RGB	62, 119, 110
RGB Percent	24%, 47%, 43%
CMY	0.7579, 0.5343, 0.5696
CMYK	0.48, 0.00, 0.08, 0.53
HSL	171°, 32%, 35%
HSV	171°, 48%, 47%
XYZ	11.3375, 15.2687, 17.0299
YIQ	100.9310, -31.0830, -14.8830

Conversions

Conversions Part 2

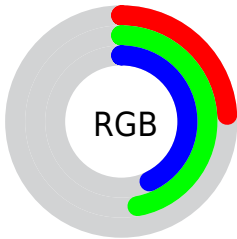
Format	Color
RYB	62, 93, 119
Decimal	4093806
CIELab	46.00, -21.11, -0.86
CIELCh	46, 21.130, 182.335
Yxy	15.2687, 0.2598, 0.3499
Android (android.graphics.Color)	4282283886 (0xFF3E776E)
YUV	100.9310, 4.4710, -34.1425
Hunter-Lab	39.0751, -16.5905, 1.5126

Details

The CIELCh color **46, 21.130, 182.335** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **34, 26.473, 12.516**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 21.368, 180.961**, and **26, 20.914, 183.374** is the 20% darker color. If you saturate the color by 10%, you get **45, 24.520, 181.310**, and if you desaturate by 10%, it is **47, 17.300, 183.293**.

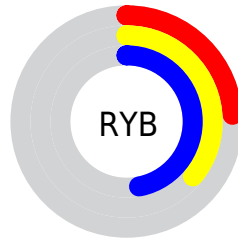
Distribution



Red (24%)

Green (47%)

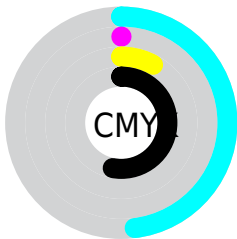
Blue (43%)



Red (24%)

Yellow (36%)

Blue (47%)

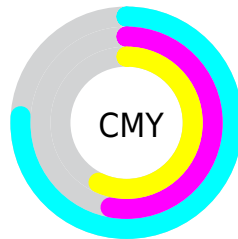


Cyan (48%)

Magenta (0%)

Yellow (8%)

Black (53%)



Cyan (76%)


Magenta (53%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 21.130, 182.335 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, 21.130, 182.335 by changing the saturation by 10% instead.


 46, 21.130,
182.335


 46, 21.130,
182.335


 100, 21.130,
182.335


 36, 21.130,
182.335

 66, 21.130,
182.335


 26, 21.130,
182.335

 76, 21.130,
182.335

 16, 21.130,
182.335

 86, 21.130,
182.335

 6, 21.130, 182.335

 96, 21.130,
182.335

 0, 21.130, 182.335

 46, 21.130,

 46, 21.130,

182.335

182.335

■ 45, 24.520,
181.310

■ 47, 17.300,
183.293

■ 45, 27.411,
180.207

■ 47, 13.100,
184.204

■ 45, 29.766,
179.004

■ 48, 8.604, 185.083

■ 45, 31.578,
177.683

■ 49, 3.888, 185.965

■ 50, 0.984, 6.316

■ 44, 32.986,
176.283

■ 51, 5.953, 7.399

■ 44, 33.265,
176.014

■ 52, 10.970, 8.188

■ 54, 15.997, 8.939

■ 55, 21.004, 9.667

Harmonies

Complementary

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



46, 21.130, 182.335



34, 26.473, 12.516

Rectangle

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



46, 21.130, 182.335



46, 21.130, 232.335



46, 21.130, 2.335



46, 21.130, 52.335

Sweetspot

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



46, 21.130, 182.333



62, 8.400, 185.399



45, 38.590, 137.036



32, 5.827, 185.244



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, 21.130, 182.333



59, 30.383, 181.152



40, 16.841, 242.060



24, 2.702, 185.871



46, 34.015, 175.960



88, 58.273, 175.012

Inverse Universe

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



34, 26.473, 12.516



40, 40.363, 15.074



38, 22.137, 52.537



23, 2.808, 7.218



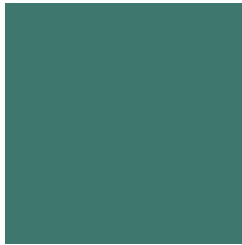
24, 54.444, 30.410



52, 95.102, 33.453

Previews

White Background



This preview shows how the CIELCh color 46, 21.130, 182.335 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, 21.130, 182.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

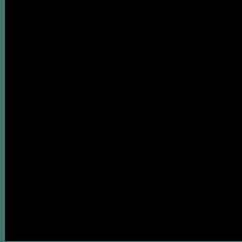
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 21.130, 182.335

Background



This preview shows how black text looks on a background with the CIELCh color 46, 21.130, 182.335.



This preview shows how white text looks on a background with the CIELCh color 46, 21.130, 182.335.

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, 21.130, 182.335

Protanopia

46, 2.668, 81.913

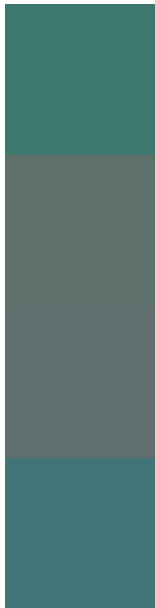
Deuteranopia

46, 6.852, 336.320



Tritanopia
46, 17.373, 217.947

Trichromacy



Original Color
46, 21.130, 182.335

Protanomaly
46, 8.443, 173.398

Deuteranomaly
45, 5.226, 212.111

Tritanomaly
46, 17.959, 203.250

Monochromacy



Original Color
46, 21.130, 182.335

Achromatopsia
43, 0.006, 296.813

Achromatomaly
44, 8.165, 185.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 21.130, 182.335 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(62, 119, 110)` looks like.

```
.text, #text, p{  
    color:rgb(62, 119, 110)  
}
```

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(62, 119, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 119, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 21.130, 182.335 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(62, 119, 110) }
```

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

```
.border{ border-color:rgb(62, 119, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 119, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 119, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 119, 110);  
box-shadow:4px 4px 4px 4px rgb(62, 119,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 21.130, 182.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 119, 110) }
```

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

```
.background{ background-color: rgb(62, 119,  
110) }
```

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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