

Converting Colors

CIELCh(46, 26.844, 130.723)

Have a look what the booklet for
CIELCh(46, 26.844, 130.723)
contains.

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Color

CIELCh(46, 26.806, 130.736)

Conversions

Conversions Part 1

Format	Color
Hex	5B744A
RGB	91, 116, 74
RGB Percent	36%, 45%, 29%
CMY	0.6424, 0.5443, 0.7091
CMYK	0.22, 0.00, 0.36, 0.54
HSL	96°, 22%, 37%
HSV	96°, 36%, 46%
XYZ	11.8450, 15.2687, 8.8348
YIQ	103.7370, -1.4180, -18.3620

Conversions

Conversions Part 2

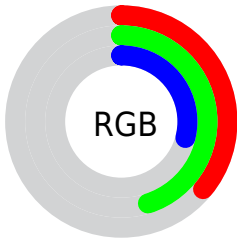
Format	Color
RYB	74, 116, 99
Decimal	5993546
CIELab	46.00, -17.49, 20.31
CIELCh	46, 26.806, 130.736
Yxy	15.2687, 0.3295, 0.4247
Android (android.graphics.Color)	4284183626 (0xFF5B744A)
YUV	103.7370, -14.6603, -11.1703
Hunter-Lab	39.0751, -14.2719, 13.9472

Details

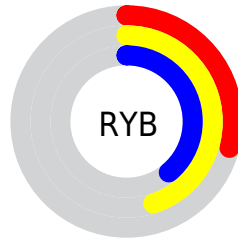
The CIELCh color $46, 26.806, 130.736$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $36, 27.833, 313.858$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 26.790, 130.552$, and $26, 27.067, 130.607$ is the 20% darker color. If you saturate the color by 10%, you get $45, 33.998, 130.271$, and if you desaturate by 10%, it is $47, 19.445, 131.209$.

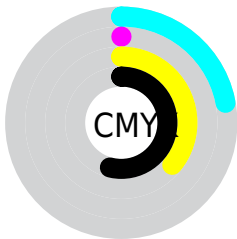
Distribution



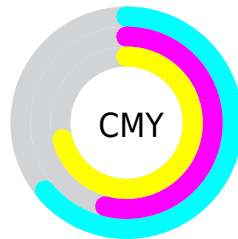
- Red (36%)
- Green (45%)
- Blue (29%)



- Red (29%)
- Yellow (45%)
- Blue (39%)



- Cyan (22%)
- Magenta (0%)
- Yellow (36%)
- Black (54%)





- Cyan (64%)
- Magenta (54%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 26.806, 130.736 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, 26.806, 130.736 by changing the saturation by 10% instead.


 46, 26.806,
130.736


 46, 26.806,
130.736


 100, 26.806,
130.736

 36, 26.806,
130.736

 66, 26.806,
130.736


 26, 26.806,
130.736

 76, 26.806,
130.736

 16, 26.806,
130.736

 86, 26.806,
130.736

 6, 26.806, 130.736

 96, 26.806,
130.736

 0, 26.806, 130.736

 46, 26.806,

 46, 26.806,

130.736

130.736

■ 45, 33.998,
130.271

■ 47, 19.445,
131.209

■ 45, 40.885,
129.849

■ 48, 12.006,
131.666

■ 44, 47.282,
129.532

■ 48, 4.560, 132.102

■ 44, 52.944,
129.409

■ 49, 2.846, 312.433

■ 43, 57.581,
129.590

■ 50, 10.174,
312.808

■ 43, 61.112,
130.081

■ 51, 17.401,
313.125

■ 43, 62.427,
130.209

■ 52, 24.509,
313.404

■ 53, 31.487,
313.651

■ 55, 38.327,
313.867

Harmonies

Complementary

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



46, 26.806, 130.736



36, 27.833, 313.858

Rectangle

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



46, 26.806, 130.736



46, 26.806, 180.736



46, 26.806, 310.736



46, 26.806, 0.736

Sweetspot

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



46, 26.807, 130.737



61, 10.089, 131.880



43, 16.840, 79.351



32, 6.834, 131.835



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



46, 26.807, 130.737



58, 39.205, 130.366



45, 28.682, 144.209



24, 4.207, 131.977



45, 64.851, 130.295



88, 110.962, 131.128

Inverse Universe

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



36, 27.833, 313.858



43, 41.063, 314.205



38, 28.679, 328.745



23, 4.250, 312.668



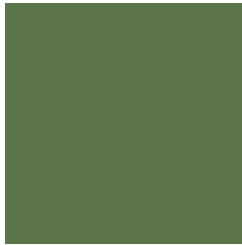
19, 70.815, 314.664



43, 120.604, 314.073

Previews

White Background



This preview shows how the CIELCh color 46, 26.806, 130.736 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, 26.806, 130.736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

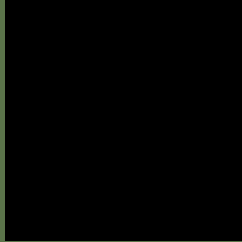
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 26.806, 130.736

Background



This preview shows how black text looks on a background with the CIELCh color 46, 26.806, 130.736.



This preview shows how white text looks on a background with the CIELCh color 46, 26.806, 130.736.

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

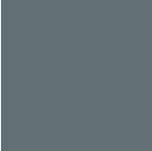
46, 26.806, 130.736

Protanopia

46, 22.655, 96.471

Deuteranopia

46, 19.896, 72.534



Tritanopia
46, 6.799, 243.542

Trichromacy



Original Color
46, 26.806, 130.736

Protanomaly
46, 23.370, 111.352

Deuteranomaly
45, 19.109, 97.904

Tritanomaly
46, 9.169, 158.075

Monochromacy



Original Color
46, 26.806, 130.736

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 9.726, 131.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 26.806, 130.736 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(91, 116, 74)` looks like.

```
.text, #text, p{  
    color:rgb(91, 116, 74)  
}
```

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(91, 116, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 116, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 26.806, 130.736 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(91, 116, 74) }
```

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

```
.border{ border-color:rgb(91, 116, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 116, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 116, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 116, 74);  
box-shadow:4px 4px 4px 4px rgb(91, 116,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 26.806, 130.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 116, 74) }
```

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

```
.background{ background-color: rgb(91, 116,  
74) }
```

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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