

Converting Colors

CIELCh(46, 26.916, 146.801)

Have a look what the booklet for
CIELCh(46, 26.916, 146.801)
contains.

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Color

CIELCh(46, 26.916, 146.801)

Conversions

Conversions Part 1

Format	Color
Hex	4D7754
RGB	77, 119, 84
RGB Percent	30%, 47%, 33%
CMY	0.6999, 0.5352, 0.6724
CMYK	0.35, 0.00, 0.30, 0.54
HSL	130°, 22%, 38%
HSV	130°, 35%, 46%
XYZ	11.1437, 15.2687, 10.6532
YIQ	102.4520, -13.7970, -19.7890

Conversions

Conversions Part 2

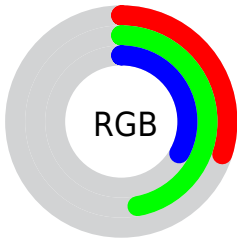
Format	Color
RYB	77, 113, 119
Decimal	5076820
CIELab	46.00, -22.52, 14.74
CIElCh	46, 26.916, 146.801
Yxy	15.2687, 0.3006, 0.4119
Android (android.graphics.Color)	4283266900 (0xFF4D7754)
YUV	102.4520, -9.0968, -22.3214
Hunter-Lab	39.0751, -17.4756, 11.1882

Details

The CIELCh color $46, 26.916, 146.801$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $38, 26.983, 331.507$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 26.600, 147.329$, and $26, 26.685, 147.263$ is the 20% darker color. If you saturate the color by 10%, you get $45, 34.262, 145.791$, and if you desaturate by 10%, it is $47, 19.362, 147.680$.

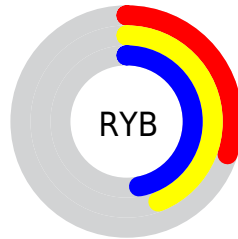
Distribution



Red (30%)

Green (47%)

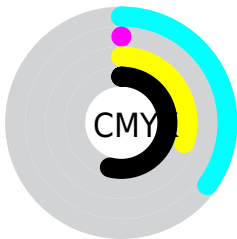
Blue (33%)



Red (30%)

Yellow (44%)

Blue (47%)

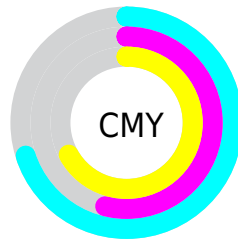


Cyan (35%)

Magenta (0%)

Yellow (30%)

Black (54%)



Cyan (70%)


Magenta (54%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 26.916, 146.801 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, 26.916, 146.801 by changing the saturation by 10% instead.


 46, 26.916,
146.801


 46, 26.916,
146.801


 100, 26.916,
146.801


 36, 26.916,
146.801

 66, 26.916,
146.801


 26, 26.916,
146.801

 76, 26.916,
146.801

 16, 26.916,
146.801

 86, 26.916,
146.801

 6, 26.916, 146.801

 96, 26.916,
146.801

 0, 26.916, 146.801

 46, 26.916,

 46, 26.916,

146.801

146.801

■ 45, 34.262,
145.791

■ 47, 19.362,
147.680

■ 45, 41.252,
144.641

■ 48, 11.723,
148.446

■ 44, 47.726,
143.353

■ 49, 4.097, 149.134

■ 44, 53.515,
141.946

■ 50, 3.437, 329.593

■ 52, 10.825,
330.128

■ 43, 58.453,
140.469

■ 53, 18.029,
330.567

■ 43, 62.426,
139.040

■ 55, 25.027,
330.950

■ 43, 63.986,
138.534

■ 56, 31.805,
331.286

■ 58, 38.361,
331.585

Harmonies

Complementary

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



46, 26.916, 146.801



38, 26.983, 331.507

Rectangle

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



46, 26.916, 146.801



46, 26.916, 196.801



46, 26.916, 326.801



46, 26.916, 16.801

Sweetspot

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



46, 26.917, 146.801



62, 10.283, 148.736



48, 24.424, 114.258



31, 6.872, 148.666



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, 26.917, 146.801



58, 40.032, 145.938



47, 18.252, 170.294



24, 4.227, 148.889



44, 65.571, 138.478



86, 113.403, 137.644

Inverse Universe

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



38, 26.983, 331.507



46, 40.042, 332.047



38, 19.938, 357.484



23, 4.238, 329.892



27, 59.190, 335.886



57, 99.670, 336.392

Previews

White Background



This preview shows how the CIELCh color 46, 26.916, 146.801 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, 26.916, 146.801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

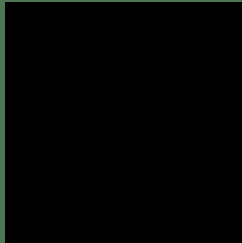
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 26.916, 146.801

Background



This preview shows how black text looks on a background with the CIELCh color 46, 26.916, 146.801.



This preview shows how white text looks on a background with the CIELCh color 46, 26.916, 146.801.

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, 26.916, 146.801

Protanopia
46, 17.586, 94.365

Deuteranopia
46, 14.206, 64.869



Tritanopia
46, 11.978, 225.033

Trichromacy



Original Color
46, 26.916, 146.801

Protanomaly
46, 18.726, 121.179

Deuteranomaly
45, 13.584, 110.099

Tritanomaly
46, 14.099, 180.598

Monochromacy



Original Color
46, 26.916, 146.801

Achromatopsia
43, 0.006, 296.813

Achromatomaly
44, 10.010, 147.485

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 26.916, 146.801 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(77, 119, 84)` looks like.

```
.text, #text, p{  
    color:rgb(77, 119, 84)  
}
```

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(77, 119, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 119, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 26.916, 146.801 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(77, 119, 84) }
```

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

```
.border{ border-color:rgb(77, 119, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 119, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 119, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 119, 84);  
box-shadow:4px 4px 4px 4px rgb(77, 119,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 26.916, 146.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 119, 84) }
```

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

```
.background{ background-color: rgb(77, 119,  
84) }
```

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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