

Converting Colors

CIELCh(46, 10.209, 162.204)

Have a look what the booklet for
CIELCh(46, 10.209, 162.204)
contains.

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Color

CIELCh(46, 10.774, 160.919)

Conversions

Conversions Part 1

Format	Color
Hex	5D7267
RGB	93, 114, 103
RGB Percent	36%, 45%, 40%
CMY	0.6362, 0.5539, 0.5970
CMYK	0.18, 0.00, 0.10, 0.55
HSL	149°, 10%, 40%
HSV	149°, 18%, 45%
XYZ	12.9160, 15.2687, 15.0352
YIQ	106.4670, -8.9850, -7.8730

Conversions

Conversions Part 2

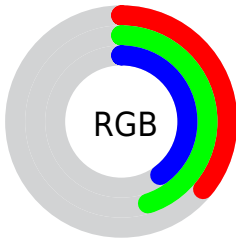
Format	Color
R _Y B	93, 107, 114
Decimal	6124135
CIE Lab	46.00, -10.18, 3.52
CIE LCh	46, 10.774, 160.919
Yxy	15.2687, 0.2988, 0.3533
Android (android.graphics.Color)	4284314215 (0xFF5D7267)
YUV	106.4670, -1.7092, -11.8106
Hunter-Lab	39.0751, -9.3796, 4.5391

Details

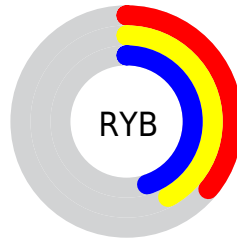
The CIELCh color $46, 10.774, 160.919$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42, 10.989, 343.855$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 10.717, 160.244$, and $26, 10.701, 160.018$ is the 20% darker color. If you saturate the color by 10%, you get $45, 16.554, 159.968$, and if you desaturate by 10%, it is $47, 4.934, 161.791$.

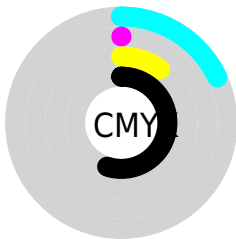
Distribution



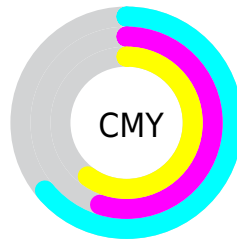
- Red (36%)
- Green (45%)
- Blue (40%)



- Red (36%)
- Yellow (42%)
- Blue (45%)



- Cyan (18%)
- Magenta (0%)
- Yellow (10%)
- Black (55%)





- Cyan (64%)
- Magenta (55%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 10.774, 160.919 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, 10.774, 160.919 by changing the saturation by 10% instead.


 46, 10.774,
160.919


 46, 10.774,
160.919


 100, 10.774,
160.919


 36, 10.774,
160.919

 66, 10.774,
160.919


 26, 10.774,
160.919

 76, 10.774,
160.919

 16, 10.774,
160.919

 86, 10.774,
160.919

 6, 10.774, 160.919

 96, 10.774,
160.919

 0, 10.774, 160.919

 46, 10.774,

 46, 10.774,

160.919

160.919

■ 45, 16.554,
159.968

■ 47, 4.934, 161.791

■ 44, 22.193,
158.911

■ 48, 0.904, 342.212

■ 49, 6.689, 343.162

■ 44, 27.607,
157.722

■ 51, 12.382,
343.821

■ 43, 32.705,
156.381

■ 52, 17.955,
344.420

■ 43, 37.401,
154.868

■ 53, 23.392,
344.975

■ 42, 41.626,
153.167

■ 55, 28.679,
345.492

■ 42, 45.339,
151.275

■ 56, 33.814,
345.977

■ 42, 48.666,
149.334

■ 58, 38.794,

■ 42, 49.174,
149.059

346.433

Harmonies

Complementary

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



46, 10.774, 160.919



42, 10.989, 343.855

Rectangle

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



46, 10.774, 160.919



46, 10.774, 210.919



46, 10.774, 340.919



46, 10.774, 30.919

Sweetspot

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



46, 10.775, 160.917



60, 4.338, 161.994



47, 13.056, 127.086



31, 2.860, 161.953



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, 10.775, 160.917



58, 15.911, 160.538



46, 8.172, 195.586



23, 3.245, 161.745



44, 51.188, 148.918



86, 89.986, 147.532

Inverse Universe

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



42, 10.989, 343.855



52, 16.295, 344.228



41, 9.093, 17.967



22, 3.280, 343.035



25, 48.939, 358.131



53, 83.044, 0.568

Previews

White Background



This preview shows how the CIELCh color 46, 10.774, 160.919 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, 10.774, 160.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

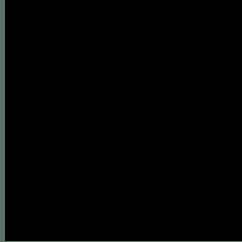
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 10.774, 160.919

Background



This preview shows how black text looks on a background with the CIELCh color 46, 10.774, 160.919.



This preview shows how white text looks on a background with the CIELCh color 46, 10.774, 160.919.

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, 10.774, 160.919

Protanopia

46, 5.180, 85.390

Deuteranopia

46, 6.735, 20.186



Tritanopia
46, 7.710, 243.082

Trichromacy



Original Color
46, 10.774, 160.919

Protanomaly
46, 5.597, 126.758

Deuteranomaly
46, 2.668, 81.913

Tritanomaly
46, 6.687, 209.000

Monochromacy



Original Color
46, 10.774, 160.919

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 4.064, 163.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 10.774, 160.919 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(93, 114, 103)` looks like.

```
.text, #text, p{  
    color:rgb(93, 114, 103)  
}
```

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(93, 114, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 114, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 10.774, 160.919 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(93, 114, 103) }
```

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

```
.border{ border-color:rgb(93, 114, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 114, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 114, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 114, 103);  
box-shadow:4px 4px 4px 4px rgb(93, 114,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 10.774, 160.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 114, 103) }
```

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

```
.background{ background-color: rgb(93, 114,  
103) }
```

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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