

Converting Colors

CIELCh(46, 15.180, 142.926)

Have a look what the booklet for
CIELCh(46, 15.180, 142.926)
contains.

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Color

CIELCh(46, 15.021, 142.144)

Conversions

Conversions Part 1

Format	Color
Hex	5E725D
RGB	94, 114, 93
RGB Percent	37%, 45%, 36%
CMY	0.6305, 0.5521, 0.6345
CMYK	0.18, 0.00, 0.18, 0.55
HSL	117°, 10%, 41%
HSV	117°, 18%, 45%
XYZ	12.6647, 15.2687, 12.6843
YIQ	105.6260, -5.1790, -10.7710

Conversions

Conversions Part 2

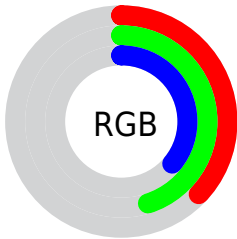
Format	Color
R _Y B	93, 114, 113
Decimal	6189661
CIE Lab	46.00, -11.86, 9.22
CIE LCh	46, 15.021, 142.144
Yxy	15.2687, 0.3118, 0.3759
Android (android.graphics.Color)	4284379741 (0xFF5E725D)
YUV	105.6260, -6.2246, -10.1960
Hunter-Lab	39.0751, -10.5274, 8.1063

Details

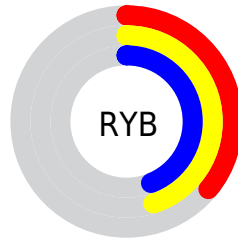
The CIELCh color $46, 15.021, 142.144$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42, 15.058, 324.054$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 15.148, 141.355$, and $26, 14.922, 141.455$ is the 20% darker color. If you saturate the color by 10%, you get $45, 23.213, 141.453$, and if you desaturate by 10%, it is $47, 6.821, 142.753$.

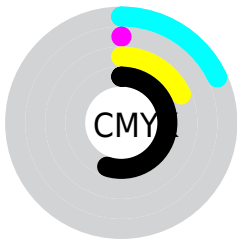
Distribution



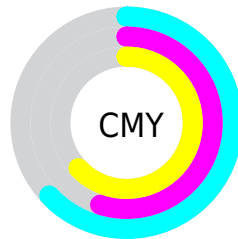
- Red (37%)
- Green (45%)
- Blue (36%)



- Red (36%)
- Yellow (45%)
- Blue (44%)



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





- Cyan (63%)
- Magenta (55%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 15.021, 142.144 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, 15.021, 142.144 by changing the saturation by 10% instead.


 46, 15.021,
142.144


 46, 15.021,
142.144


 100, 15.021,
142.144


 36, 15.021,
142.144

 66, 15.021,
142.144


 26, 15.021,
142.144

 76, 15.021,
142.144

 16, 15.021,
142.144


 86, 15.021,
142.144

 6, 15.021, 142.144

 96, 15.021,
142.144

 0, 15.021, 142.144

 46, 15.021,

 46, 15.021,

142.144

142.144

■ 45, 23.213,
141.453

■ 47, 6.821, 142.753

■ 44, 31.270,
140.667

■ 48, 1.302, 323.114

■ 43, 39.035,
139.794

■ 50, 9.281, 323.659

■ 43, 46.305,
138.856

■ 51, 17.074,
324.040

■ 42, 52.831,
137.908

■ 53, 24.654,
324.361

■ 42, 58.318,
137.039

■ 54, 32.008,
324.635

■ 42, 62.463,
136.367

■ 56, 39.129,
324.868

■ 41, 65.429,
135.784

■ 57, 46.020,
325.068

■ 59, 52.688,

■ 41, 65.901,
135.667

325.240

Harmonies

Complementary

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



46, 15.021, 142.144



42, 15.058, 324.054

Rectangle

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



46, 15.021, 142.144



46, 15.021, 192.144



46, 15.021, 322.144



46, 15.021, 12.144

Sweetspot

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



46, 15.022, 142.144



60, 6.015, 142.883



47, 11.720, 106.344



31, 3.965, 142.857



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, 15.022, 142.144



58, 22.226, 141.867



46, 10.990, 159.612



23, 4.505, 142.719



43, 68.223, 135.685



85, 116.823, 135.878

Inverse Universe

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



42, 15.058, 324.054



53, 22.282, 324.259



42, 11.181, 342.471



22, 4.516, 323.580



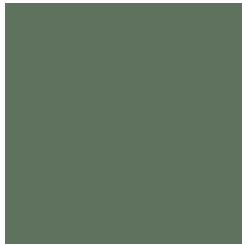
27, 66.280, 326.431



57, 113.216, 326.329

Previews

White Background



This preview shows how the CIE LCh color 46, 15.021, 142.144 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, 15.021, 142.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

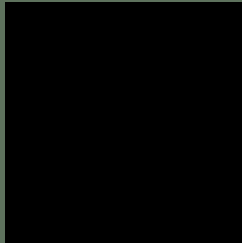
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 15.021, 142.144

Background



This preview shows how black text looks on a background with the CIELCh color 46, 15.021, 142.144.



This preview shows how white text looks on a background with the CIELCh color 46, 15.021, 142.144.

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

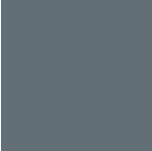
46, 15.021, 142.144

Protanopia

46, 11.080, 92.614

Deuteranopia

46, 10.237, 55.282



Tritanopia
46, 6.539, 245.845

Trichromacy



Original Color
46, 15.021, 142.144

Protanomaly
46, 11.298, 115.168

Deuteranomaly
46, 8.560, 94.408

Tritanomaly
46, 6.093, 187.473

Monochromacy



Original Color
46, 15.021, 142.144

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 5.594, 140.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 15.021, 142.144 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(94, 114, 93)` looks like.

```
.text, #text, p{  
    color:rgb(94, 114, 93)  
}
```

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(94, 114, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 114, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 15.021, 142.144 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(94, 114, 93) }
```

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

```
.border{ border-color:rgb(94, 114, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 114, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 114, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 114, 93);  
box-shadow:4px 4px 4px 4px rgb(94, 114,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 15.021, 142.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 114, 93) }
```

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

```
.background{ background-color: rgb(94, 114,  
93) }
```

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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