

Converting Colors

CIELCh(46, 14.792, 143.387)

Have a look what the booklet for
CIELCh(46, 14.792, 143.387)
contains.

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Color

CIELCh(46, 14.526, 143.411)

Conversions

Conversions Part 1

Format	Color
Hex	5E725E
RGB	94, 114, 94
RGB Percent	37%, 45%, 37%
CMY	0.6308, 0.5523, 0.6308
CMYK	0.18, 0.00, 0.18, 0.55
HSL	120°, 10%, 41%
HSV	120°, 18%, 45%
XYZ	12.6940, 15.2687, 12.9035
YIQ	105.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

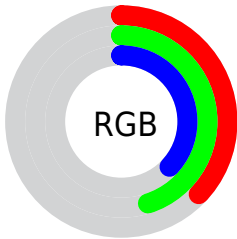
Format	Color
R_{YB}	94, 114, 114
Decimal	6189662
CIE Lab	46.00, -11.66, 8.66
CIE LCh	46, 14.526, 143.411
Yxy	15.2687, 0.3106, 0.3736
Android (android.graphics.Color)	4284379742 (0xFF5E725E)
YUV	105.7400, -5.7878, -10.2960
Hunter-Lab	39.0751, -10.3937, 7.7736

Details

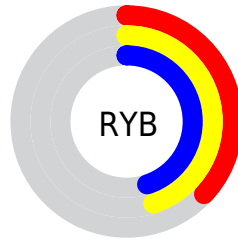
The CIELCh color $46, 14.526, 143.411$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 14.540, 325.340$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 14.682, 142.495$, and $26, 14.381, 142.852$ is the 20% darker color. If you saturate the color by 10%, you get $45, 22.844, 142.675$, and if you desaturate by 10%, it is $47, 6.203, 144.056$.

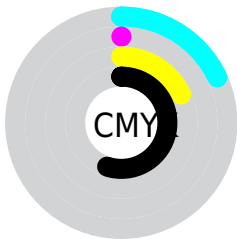
Distribution



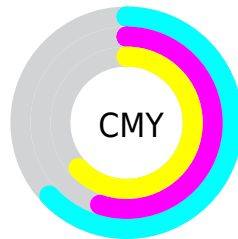
- Red (37%)
- Green (45%)
- Blue (37%)



- Red (37%)
- Yellow (45%)
- Blue (45%)



- 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, 14.526, 143.411 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, 14.526, 143.411 by changing the saturation by 10% instead.


 46, 14.526,
143.411


 46, 14.526,
143.411


 100, 14.526,
143.411


 36, 14.526,
143.411

 66, 14.526,
143.411


 26, 14.526,
143.411

 76, 14.526,
143.411

 16, 14.526,
143.411


 86, 14.526,
143.411

 6, 14.526, 143.411

 96, 14.526,
143.411

 0, 14.526, 143.411

 46, 14.526,

 46, 14.526,

143.411

143.411

■ 45, 22.844,
142.675

■ 47, 6.203, 144.056

■ 44, 31.023,
141.830

■ 48, 2.031, 324.481

■ 43, 38.897,
140.877

■ 50, 10.109,
325.006

■ 43, 46.253,
139.836

■ 51, 17.985,
325.403

■ 42, 52.838,
138.754

■ 53, 25.631,
325.738

■ 42, 58.359,
137.719

■ 55, 33.036,
326.024

■ 42, 62.514,
136.852

■ 56, 40.194,
326.268

■ 41, 65.458,
136.188

■ 58, 47.109,
326.479

■ 41, 66.193,
136.016

■ 60, 53.790,
326.661

Harmonies

Complementary

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



46, 14.526, 143.411



43, 14.540, 325.340

Rectangle

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



46, 14.526, 143.411



46, 14.526, 193.411



46, 14.526, 323.411



46, 14.526, 13.411

Sweetspot

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



46, 14.527, 143.411



60, 5.085, 144.206



47, 11.536, 107.881



31, 3.449, 144.172



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, 14.527, 143.411



58, 21.545, 143.128



46, 10.208, 161.366



23, 4.575, 143.966



43, 68.533, 136.016



85, 117.046, 136.016

Inverse Universe

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



43, 14.540, 325.340



53, 21.559, 325.549



42, 10.408, 344.156



22, 4.583, 324.884



28, 66.124, 328.231



59, 112.931, 328.231

Previews

White Background



This preview shows how the CIELCh color 46, 14.526, 143.411 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, 14.526, 143.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

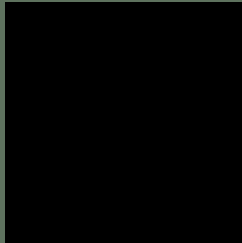
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 14.526, 143.411

Background



This preview shows how black text looks on a background with the CIELCh color 46, 14.526, 143.411.



This preview shows how white text looks on a background with the CIELCh color 46, 14.526, 143.411.

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

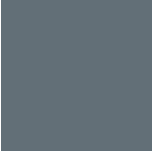
46, 14.526, 143.411

Protanopia

46, 10.512, 91.855

Deuteranopia

46, 9.877, 52.645



Tritanopia
46, 6.799, 243.542

Trichromacy



Original Color
46, 14.526, 143.411

Protanomaly
46, 10.715, 115.590

Deuteranomaly
46, 7.987, 93.468

Tritanomaly
46, 6.093, 187.473

Monochromacy



Original Color
46, 14.526, 143.411

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 5.092, 144.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 14.526, 143.411 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, 94)` looks like.

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

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, 94) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 46, 14.526, 143.411 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, 94) }
```

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

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

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, 94) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 46, 14.526, 143.411 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, 94) }
```

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

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

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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