

Converting Colors

CIELCh(46, 11.509, 141.197)

Have a look what the booklet for
CIELCh(46, 11.509, 141.197)
contains.

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Color

CIELCh(46, 11.388, 142.020)

Conversions

Conversions Part 1

Format	Color
Hex	627161
RGB	98, 113, 97
RGB Percent	38%, 44%, 38%
CMY	0.6157, 0.5569, 0.6196
CMYK	0.13, 0.00, 0.14, 0.56
HSL	116°, 8%, 41%
HSV	116°, 14%, 44%
XYZ	13.0986, 15.2687, 13.5649
YIQ	106.6910, -3.8040, -8.1560

Conversions

Conversions Part 2

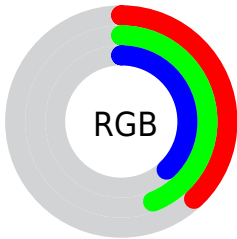
Format	Color
R_{YB}	97, 113, 112
Decimal	6451553
CIE _{Lab}	46.00, -8.98, 7.01
CIE _{LCh}	46, 11.388, 142.020
Yxy	15.2687, 0.3124, 0.3641
Android (android.graphics.Color)	4284641633 (0xFF627161)
YUV	106.6910, -4.7777, -7.6220
Hunter-Lab	39.0751, -8.5454, 6.7701

Details

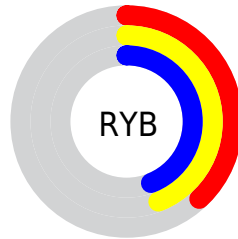
The CIELCh color $46, 11.388, 142.020$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 11.420, 323.424$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 11.289, 142.323$, and $26, 11.206, 143.247$ is the 20% darker color. If you saturate the color by 10%, you get $45, 19.486, 141.382$, and if you desaturate by 10%, it is $47, 3.323, 142.601$.

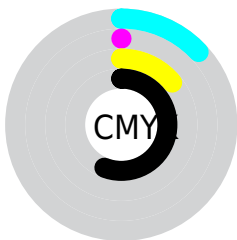
Distribution



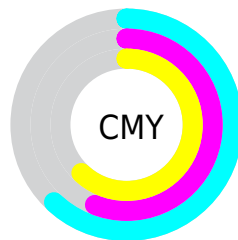
- Red (38%)
- Green (44%)
- Blue (38%)



- Red (38%)
- Yellow (44%)
- Blue (44%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (56%)





- Cyan (62%)
- Magenta (56%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 11.388, 142.020 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, 11.388, 142.020 by changing the saturation by 10% instead.


 46, 11.388,
142.020


 46, 11.388,
142.020


 100, 11.388,
142.020


 36, 11.388,
142.020

 66, 11.388,
142.020


 26, 11.388,
142.020

 76, 11.388,
142.020

 16, 11.388,
142.020


 86, 11.388,
142.020

 6, 11.388, 142.020

 96, 11.388,
142.020

 0, 11.388, 142.020

 46, 11.388,

 46, 11.388,

142.020

142.020

■ 45, 19.486,
141.382

■ 47, 3.323, 142.601

■ 44, 27.510,
140.656

■ 48, 4.637, 322.988

■ 43, 35.324,
139.843

■ 50, 12.439,
323.410

■ 43, 42.749,
138.959

■ 51, 20.047,
323.758

■ 42, 49.564,
138.044

■ 53, 27.442,
324.053

■ 42, 55.496,
137.173

■ 54, 34.613,
324.304

■ 41, 60.242,
136.452

■ 56, 41.560,
324.518

■ 41, 63.593,
135.957

■ 58, 48.285,
324.702

■ 41, 65.296,
135.552

■ 59, 54.795,
324.861

Harmonies

Complementary

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



46, 11.388, 142.020



43, 11.420, 323.424

Rectangle

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



46, 11.388, 142.020



46, 11.388, 192.020



46, 11.388, 322.020



46, 11.388, 12.020

Sweetspot

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



46, 11.389, 142.021



61, 3.982, 142.605



47, 8.801, 105.994



31, 2.814, 142.567



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, 11.389, 142.021



59, 17.070, 141.819



46, 8.491, 159.171



23, 4.483, 142.321



43, 68.127, 135.583



85, 116.740, 135.826

Inverse Universe

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



43, 11.420, 323.424



54, 17.119, 323.585



43, 8.598, 341.266



22, 4.495, 323.167



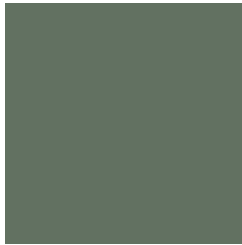
26, 66.346, 325.877



56, 113.338, 325.744

Previews

White Background



This preview shows how the CIELCh color 46, 11.388, 142.020 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, 11.388, 142.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

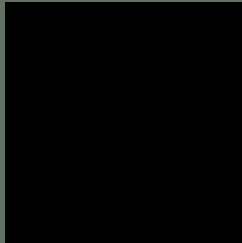
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 11.388, 142.020

Background



This preview shows how black text looks on a background with the CIELCh color 46, 11.388, 142.020.



This preview shows how white text looks on a background with the CIELCh color 46, 11.388, 142.020.

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, 11.388, 142.020

Protanopia

46, 8.114, 90.518

Deuteranopia

46, 8.545, 44.647



Tritanopia
46, 6.117, 260.442

Trichromacy



Original Color
46, 11.388, 142.020

Protanomaly
46, 8.322, 114.878

Deuteranomaly
46, 6.444, 85.933

Tritanomaly
46, 3.987, 199.030

Monochromacy



Original Color
46, 11.388, 142.020

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 4.136, 139.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 11.388, 142.020 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(98, 113, 97)` looks like.

```
.text, #text, p{  
    color:rgb(98, 113, 97)  
}
```

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(98, 113, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 113, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 11.388, 142.020 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(98, 113, 97) }
```

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

```
.border{ border-color:rgb(98, 113, 97) }
```

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

Here you see how a box with a 4 pixel rgb(98, 113, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 113, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 113, 97);  
box-shadow:4px 4px 4px 4px rgb(98, 113,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 11.388, 142.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 113, 97) }
```

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

```
.background{ background-color: rgb(98, 113,  
97) }
```

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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