

Converting Colors

CIELCh(46, 13.697, 288.932)

Have a look what the booklet for
CIELCh(46, 13.697, 288.932)
contains.

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Color

CIELCh(46, 13.697, 288.932)

Conversions

Conversions Part 1

Format	Color
Hex	696B82
RGB	105, 107, 130
RGB Percent	41%, 42%, 51%
CMY	0.5864, 0.5786, 0.4883
CMYK	0.19, 0.18, 0.00, 0.49
HSL	235°, 11%, 46%
HSV	235°, 19%, 51%
XYZ	15.2485, 15.2687, 23.4322
YIQ	109.0240, -8.5750, 6.7290

Conversions

Conversions Part 2

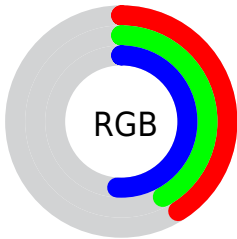
Format	Color
R_{YB}	105, 107, 130
Decimal	6908802
CIE _{Lab}	46.00, 4.44, -12.96
CIE _{LCh}	46, 13.697, 288.932
Yxy	15.2687, 0.2826, 0.2830
Android (android.graphics.Color)	4285098882 (0xFF696B82)
YUV	109.0240, 10.3412, -3.5290
Hunter-Lab	39.0751, 1.2755, -8.2018

Details

The CIELCh color $46, 13.697, 288.932$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 13.224, 104.848$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 13.884, 288.687$, and $26, 13.797, 288.074$ is the 20% darker color. If you saturate the color by 10%, you get $42, 21.227, 290.341$, and if you desaturate by 10%, it is $50, 6.439, 287.726$.

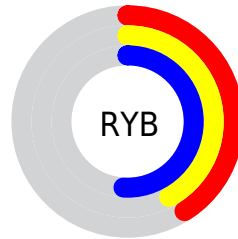
Distribution



Red (41%)

Green (42%)

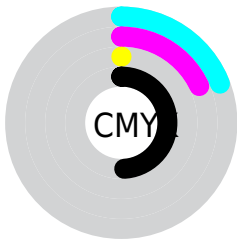
Blue (51%)



Red (41%)

Yellow (42%)

Blue (51%)

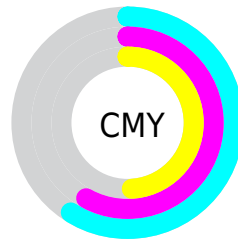


Cyan (19%)

Magenta (18%)

Yellow (0%)

Black (49%)



Cyan (59%)


Magenta (58%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 13.697, 288.932 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, 13.697, 288.932 by changing the saturation by 10% instead.


 46, 13.697,
288.932


 46, 13.697,
288.932


 100, 13.697,
288.932


 36, 13.697,
288.932

 66, 13.697,
288.932


 26, 13.697,
288.932

 76, 13.697,
288.932

 16, 13.697,
288.932


 86, 13.697,
288.932

 6, 13.697, 288.932

 96, 13.697,
288.932

 0, 13.697, 288.932

 46, 13.697,

 46, 13.697,

288.932

■ 42, 21.227,
290.341

■ 37, 29.053,
291.986

■ 33, 37.188,
293.882

■ 28, 45.615,
296.028

■ 24, 54.236,
298.371

■ 20, 62.766,
300.781

■ 17, 70.599,
303.031

■ 15, 76.852,
304.743

288.932

■ 50, 6.439, 287.726

■ 55, 0.565, 106.552

■ 59, 7.334, 105.777

■ 64, 13.884,
105.013

■ 68, 20.230,
104.348

■ 72, 26.382,
103.768

■ 77, 32.353,
103.260

■ 81, 38.152,
102.812

■ 85, 43.789,

■ 15, 77.279,
304.843

102.417

Harmonies

Complementary

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



46, 13.697, 288.932



53, 13.224, 104.848

Rectangle

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



46, 13.697, 288.932



46, 13.697, 338.932



46, 13.697, 108.932



46, 13.697, 158.932

Sweetspot

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



46, 13.696, 288.930



67, 5.226, 287.400



53, 9.597, 191.183



35, 3.496, 287.456



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46, 13.696, 288.930



57, 20.645, 289.520



46, 15.463, 307.060



26, 4.012, 287.722



15, 77.079, 304.838



0, 0.947, 286.758

Inverse Universe

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



47, 10.617, 14.381



59, 16.100, 14.854



53, 15.009, 125.205



26, 3.063, 13.413



26, 59.760, 35.266



0, 0.713, 12.787

Previews

White Background



This preview shows how the CIE LCh color 46, 13.697, 288.932 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, 13.697, 288.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

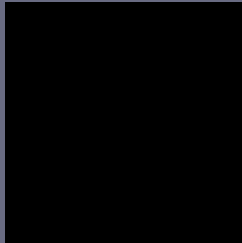
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

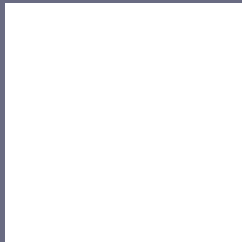
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 13.697, 288.932

Background



This preview shows how black text looks on a background with the CIELCh color 46, 13.697, 288.932.



This preview shows how white text looks on a background with the CIELCh color 46, 13.697, 288.932.

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, 13.697, 288.932

Protanopia

46, 13.720, 285.834

Deuteranopia

46, 14.958, 296.524



Tritanopia
46, 5.427, 260.625

Trichromacy



Original Color
46, 13.697, 288.932

Protanomaly
46, 13.693, 287.369

Deuteranomaly
46, 14.294, 293.627

Tritanomaly
46, 8.495, 278.282

Monochromacy



Original Color
46, 13.697, 288.932

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 5.356, 290.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 13.697, 288.932 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(105, 107, 130)` looks like.

```
.text, #text, p{  
    color:rgb(105, 107, 130)  
}
```

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(105, 107, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 107, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 13.697, 288.932 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(105, 107, 130) }
```

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

```
.border{ border-color:rgb(105, 107, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 107, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 107, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 107, 130);  
box-shadow:4px 4px 4px 4px rgb(105, 107,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 13.697, 288.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 107, 130) }
```

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

```
.background{ background-color: rgb(105,  
107, 130) }
```

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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