

Converting Colors

CIELCh(46, 10.810, 261.660)

Have a look what the booklet for
CIELCh(46, 10.810, 261.660)
contains.

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Color

CIELCh(46, 10.848, 260.649)

Conversions

Conversions Part 1

Format	Color
Hex	606F7F
RGB	96, 111, 127
RGB Percent	38%, 44%, 50%
CMY	0.6251, 0.5663, 0.5036
CMYK	0.24, 0.13, 0.00, 0.50
HSL	211°, 14%, 44%
HSV	211°, 24%, 50%
XYZ	14.2271, 15.2687, 22.1359
YIQ	108.3390, -14.0760, 1.7960

Conversions

Conversions Part 2

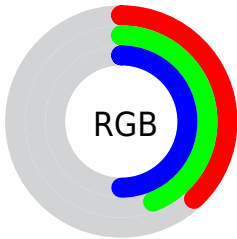
Format	Color
R_{YB}	96, 106, 127
Decimal	6319999
CIE _{Lab}	46.00, -1.76, -10.70
CIE _{LCh}	46, 10.848, 260.649
Yxy	15.2687, 0.2756, 0.2957
Android (android.graphics.Color)	4284510079 (0xFF606F7F)
YUV	108.3390, 9.1999, -10.8213
Hunter-Lab	39.0751, -3.3902, -6.2349

Details

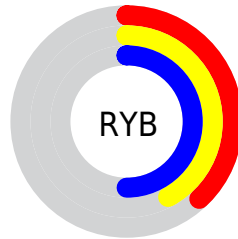
The CIELCh color $46, 10.848, 260.649$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 11.481, 74.171$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 10.850, 259.640$, and $26, 11.008, 262.759$ is the 20% darker color. If you saturate the color by 10%, you get $43, 15.204, 262.517$, and if you desaturate by 10%, it is $49, 6.442, 259.067$.

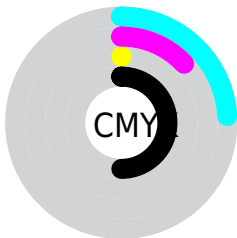
Distribution



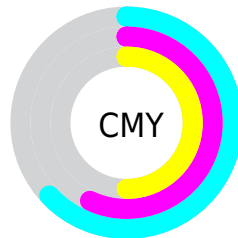
- Red (38%)
- Green (44%)
- Blue (50%)



- Red (38%)
- Yellow (42%)
- Blue (50%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)
- Black (50%)





- Cyan (63%)
- Magenta (57%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 10.848, 260.649 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, 10.848, 260.649 by changing the saturation by 10% instead.

 46, 10.848,
260.649


 46, 10.848,
260.649


 100, 10.848,
260.649


 36, 10.848,
260.649

 66, 10.848,
260.649


 26, 10.848,
260.649

 76, 10.848,
260.649

 16, 10.848,
260.649


 86, 10.848,
260.649

 6, 10.848, 260.649

 96, 10.848,
260.649

 0, 10.848, 260.649

 46, 10.848,

 46, 10.848,

260.649

260.649

■ 43, 15.204,
262.517

■ 49, 6.442, 259.067

■ 40, 19.500,
264.729

■ 52, 2.001, 257.797

■ 55, 2.461, 76.406

■ 38, 23.735,
267.330

■ 58, 6.931, 75.474

■ 35, 27.918,
270.363

■ 60, 11.396, 74.622

■ 63, 15.846, 73.873

■ 32, 32.077,
273.841

■ 66, 20.273, 73.212

■ 30, 36.258,
277.730

■ 69, 24.670, 72.627

■ 72, 29.032, 72.105

■ 28, 40.521,
281.902

■ 26, 42.961,
284.049

Harmonies

Complementary

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



46, 10.848, 260.649



48, 11.481, 74.171

Rectangle

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



46, 10.848, 260.649



46, 10.848, 310.649



46, 10.848, 80.649



46, 10.848, 130.649

Sweetspot

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



46, 10.847, 260.645



66, 3.894, 258.094



50, 15.291, 161.557



34, 2.550, 258.148



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



46, 10.847, 260.645



58, 15.981, 261.583



42, 18.782, 292.910



25, 2.528, 258.334



27, 43.214, 284.084



0, 0.000, 0.000

Inverse Universe

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



44, 15.591, 346.653



55, 23.098, 347.196



52, 17.774, 107.907



25, 3.555, 345.208



26, 50.693, 2.013



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 46, 10.848, 260.649 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, 10.848, 260.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

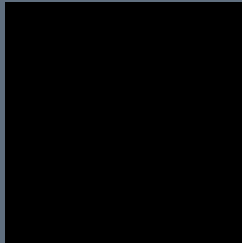
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

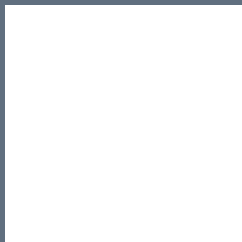
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 10.848, 260.649

Background



This preview shows how black text looks on a background with the CIELCh color 46, 10.848, 260.649.



This preview shows how white text looks on a background with the CIELCh color 46, 10.848, 260.649.

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

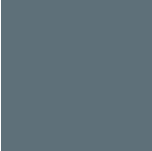
46, 10.848, 260.649

Protanopia

46, 10.124, 287.243

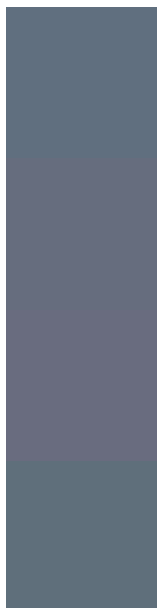
Deuteranopia

46, 13.224, 298.577



Tritanopia
46, 8.513, 237.913

Trichromacy



Original Color
46, 10.848, 260.649

Protanomaly
46, 10.377, 276.826

Deuteranomaly
46, 11.332, 285.986

Tritanomaly
46, 9.176, 250.251

Monochromacy



Original Color
46, 10.848, 260.649

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 4.242, 256.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 10.848, 260.649 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(96, 111, 127)` looks like.

```
.text, #text, p{  
    color:rgb(96, 111, 127)  
}
```

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(96, 111, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 111, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 10.848, 260.649 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(96, 111, 127) }
```

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

```
.border{ border-color:rgb(96, 111, 127) }
```

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

Here you see how a box with a 4 pixel rgb(96, 111, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 111, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 111, 127);  
box-shadow:4px 4px 4px 4px rgb(96, 111,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 10.848, 260.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 111, 127) }
```

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

```
.background{ background-color: rgb(96, 111,  
127) }
```

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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