

Converting Colors

CIELCh(46, 10.691, 258.885)

Have a look what the booklet for
CIELCh(46, 10.691, 258.885)
contains.

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Color

CIELCh(46, 10.541, 257.114)

Conversions

Conversions Part 1

Format	Color
Hex	5F6F7E
RGB	95, 111, 126
RGB Percent	37%, 44%, 49%
CMY	0.6280, 0.5652, 0.5064
CMYK	0.25, 0.12, 0.00, 0.51
HSL	209°, 14%, 43%
HSV	209°, 25%, 49%
XYZ	14.1328, 15.2687, 21.8949
YIQ	107.9260, -14.3510, 1.2730

Conversions

Conversions Part 2

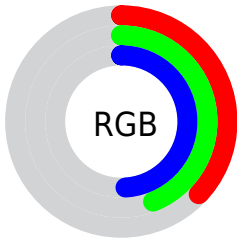
Format	Color
R_{YB}	95, 106, 126
Decimal	6254462
CIE _{Lab}	46.00, -2.35, -10.28
CIE _{LCh}	46, 10.541, 257.114
Yxy	15.2687, 0.2755, 0.2977
Android (android.graphics.Color)	4284444542 (0xFF5F6F7E)
YUV	107.9260, 8.9105, -11.3361
Hunter-Lab	39.0751, -3.8212, -5.8692

Details

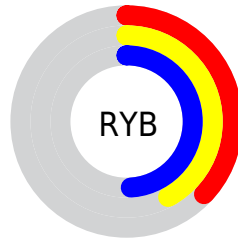
The CIELCh color $46, 10.541, 257.114$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 11.304, 70.769$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 10.575, 256.320$, and $26, 10.640, 259.001$ is the 20% darker color. If you saturate the color by 10%, you get $43, 14.698, 258.962$, and if you desaturate by 10%, it is $49, 6.304, 255.557$.

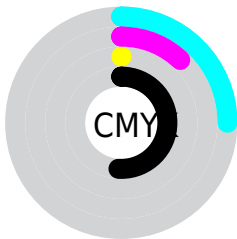
Distribution



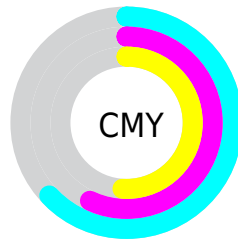
- Red (37%)
- Green (44%)
- Blue (49%)



- Red (37%)
- Yellow (42%)
- Blue (49%)



- Cyan (25%)
- Magenta (12%)
- Yellow (0%)
- Black (51%)





- Cyan (63%)
- Magenta (57%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 10.541, 257.114 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, 10.541, 257.114 by changing the saturation by 10% instead.


 46, 10.541,
257.114


 46, 10.541,
257.114


 100, 10.541,
257.114


 36, 10.541,
257.114

 66, 10.541,
257.114


 26, 10.541,
257.114

 76, 10.541,
257.114

 16, 10.541,
257.114

 86, 10.541,
257.114

 6, 10.541, 257.114

 96, 10.541,
257.114

 0, 10.541, 257.114

 46, 10.541,

 46, 10.541,

257.114

■ 43, 14.698,
258.962

■ 41, 18.763,
261.163

■ 38, 22.728,
263.768

■ 36, 26.599,
266.823

■ 33, 30.400,
270.351

■ 31, 34.180,
274.326

■ 29, 38.010,
278.621

■ 28, 40.146,
280.781

257.114

■ 49, 6.304, 255.557

■ 51, 2.008, 254.321

■ 54, 2.332, 72.939

■ 57, 6.697, 72.047

■ 60, 11.073, 71.229

■ 63, 15.449, 70.511

■ 65, 19.813, 69.881

■ 68, 24.158, 69.325

■ 71, 28.476, 68.831

Harmonies

Complementary

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



46, 10.541, 257.114



47, 11.304, 70.769

Rectangle

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



46, 10.541, 257.114



46, 10.541, 307.114



46, 10.541, 77.114



46, 10.541, 127.114

Sweetspot

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



46, 10.540, 257.109



65, 3.750, 254.590



50, 15.508, 160.681



33, 2.424, 254.640



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



46, 10.540, 257.109



57, 15.803, 258.197



42, 18.481, 292.290



25, 2.464, 254.824



28, 40.571, 280.847



0, 0.000, 0.000

Inverse Universe

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



44, 15.929, 344.860



54, 24.065, 345.467



52, 17.516, 107.193



25, 3.633, 343.457



27, 51.022, 359.080



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 46, 10.541, 257.114 looks on a white background.

Color Contrast Check

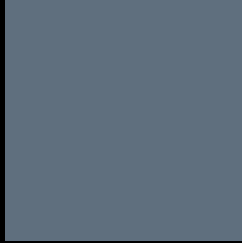
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.541, 257.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

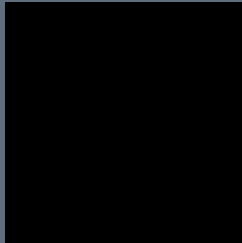
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

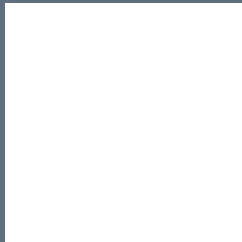
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 10.541, 257.114

Background



This preview shows how black text looks on a background with the CIELCh color 46, 10.541, 257.114.



This preview shows how white text looks on a background with the CIELCh color 46, 10.541, 257.114.

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

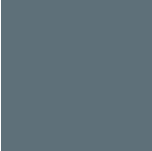
46, 10.541, 257.114

Protanopia

46, 9.533, 286.876

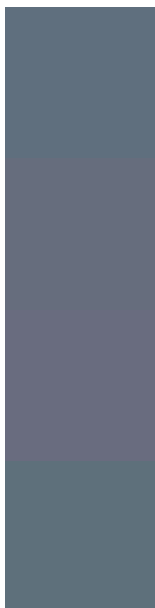
Deuteranopia

46, 12.689, 300.558



Tritanopia
46, 8.513, 237.913

Trichromacy



Original Color
46, 10.541, 257.114

Protanomaly
46, 9.808, 275.806

Deuteranomaly
46, 11.332, 285.986

Tritanomaly
46, 9.233, 244.136

Monochromacy



Original Color
46, 10.541, 257.114

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 3.769, 251.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 10.541, 257.114 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(95, 111, 126)` looks like.

```
.text, #text, p{  
    color:rgb(95, 111, 126)  
}
```

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(95, 111, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 111, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 10.541, 257.114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

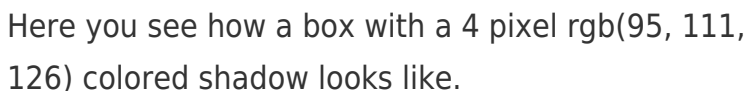
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 111, 126) }
```

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

```
.border{ border-color:rgb(95, 111, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(95, 111, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 111, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 111, 126);  
box-shadow:4px 4px 4px 4px rgb(95, 111,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 10.541, 257.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 111, 126) }
```

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

```
.background{ background-color: rgb(95, 111,  
126) }
```

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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