

Converting Colors

CIELCh(46, 5.751, 282.527)

Have a look what the booklet for
CIELCh(46, 5.751, 282.527) contains.

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Color

CIELCh(46, 5.455, 278.458)

Conversions

Conversions Part 1

Format	Color
Hex	6A6D76
RGB	106, 109, 118
RGB Percent	42%, 43%, 46%
CMY	0.5848, 0.5731, 0.5378
CMYK	0.10, 0.08, 0.00, 0.54
HSL	225°, 5%, 44%
HSV	225°, 10%, 46%
XYZ	14.6435, 15.2687, 19.2717
YIQ	109.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

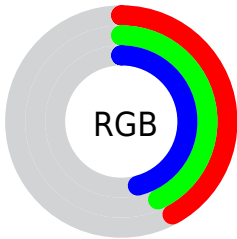
Format	Color
RYB	106, 108, 118
Decimal	6974838
CIELab	46.00, 0.80, -5.40
CIELCh	46, 5.455, 278.458
Yxy	15.2687, 0.2977, 0.3104
Android (android.graphics.Color)	4285164918 (0xFF6A6D76)
YUV	109.1290, 4.3734, -2.7441
Hunter-Lab	39.0751, -1.4881, -1.8889

Details

The CIELCh color **46, 5.455, 278.458** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 5.412, 96.057**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 5.637, 279.426**, and **26, 5.360, 277.510** is the 20% darker color. If you saturate the color by 10%, you get **42, 10.935, 279.809**, and if you desaturate by 10%, it is **50, 0.101, 278.496**.

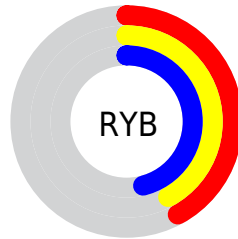
Distribution



Red (42%)

Green (43%)

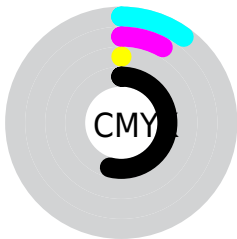
Blue (46%)



Red (42%)

Yellow (42%)

Blue (46%)

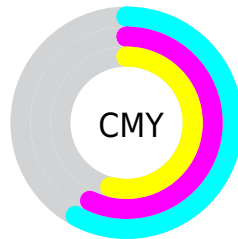


Cyan (10%)

Magenta (8%)

Yellow (0%)

Black (54%)



Cyan (58%)

Magenta (57%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 5.455, 278.458 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, 5.455, 278.458 by changing the saturation by 10% instead.

■ 46, 5.455, 278.458

■ 46, 5.455, 278.458

■ 100, 5.455,
278.458

■ 36, 5.455, 278.458

■ 66, 5.455, 278.458

■ 26, 5.455, 278.458

■ 76, 5.455, 278.458

■ 16, 5.455, 278.458

■ 86, 5.455, 278.458

■ 6, 5.455, 278.458

■ 96, 5.455, 278.458

■ 0, 5.455, 278.458

■ 46, 5.455, 278.458

■ 46, 5.455, 278.458

■ 42, 10.935,
279.809

■ 50, 0.101, 278.496

■ 39, 16.553,

■ 53, 5.130, 96.185

281.395

57, 10.244, 95.299

35, 22.321,
283.238

60, 15.245, 94.514

32, 28.253,
285.368

63, 20.136, 93.819

29, 34.368,
287.804

67, 24.920, 93.201

25, 40.674,
290.538

74, 34.181, 92.152

22, 47.149,
293.511

77, 38.664, 91.704

19, 53.685,
296.597

17, 59.977,
299.352

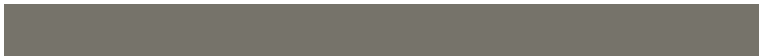
Harmonies

Complementary

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



46, 5.455, 278.458



48, 5.412, 96.057

Rectangle

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



46, 5.455, 278.458



46, 5.455, 328.458



46, 5.455, 98.458



46, 5.455, 148.458

Sweetspot

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



46, 5.454, 278.449



62, 1.979, 277.643



49, 5.160, 177.484



32, 1.492, 277.711



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



46, 5.454, 278.449



58, 7.980, 278.719



45, 7.261, 299.922



23, 3.000, 278.307



17, 61.868, 299.482



39, 110.543, 301.157

Inverse Universe

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



46, 5.285, 0.370



58, 7.750, 0.591



49, 7.113, 118.658



23, 2.903, 0.251



25, 51.555, 23.231



53, 89.446, 26.622

Previews

White Background



This preview shows how the CIELCh color 46, 5.455, 278.458 looks on a white background.

Color Contrast Check

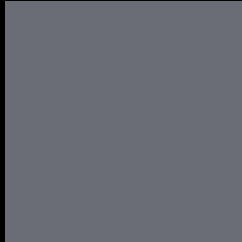
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.455, 278.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

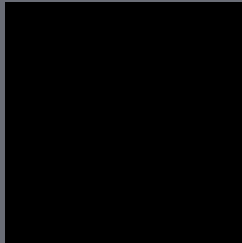
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

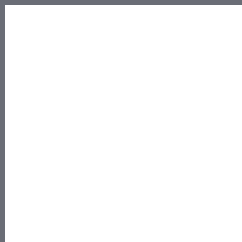
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 5.455, 278.458

Background



This preview shows how black text looks on a background with the CIELCh color 46, 5.455, 278.458.



This preview shows how white text looks on a background with the CIELCh color 46, 5.455, 278.458.

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, 5.455, 278.458

Protanopia

46, 5.356, 290.926

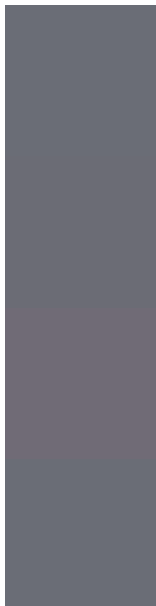
Deuteranopia

46, 8.034, 317.691



Tritanopia
46, 5.455, 278.458

Trichromacy



Original Color

46, 5.455, 278.458

Protanomaly

46, 5.364, 286.708

Deuteranomaly

46, 6.869, 307.871

Tritanomaly

46, 5.455, 278.458

Monochromacy



Original Color

46, 5.455, 278.458

Achromatopsia

46, 0.006, 296.813

Achromatomaly

46, 1.825, 277.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 5.455, 278.458 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(106, 109, 118)` looks like.

```
.text, #text, p{  
    color:rgb(106, 109, 118)  
}
```

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(106, 109, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 109, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 5.455, 278.458 is called "border". The border property can be set on classes, ids or directly on the HTML element.

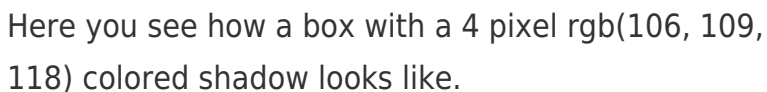
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 109, 118) }
```

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

```
.border{ border-color:rgb(106, 109, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 109, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 109, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 109, 118); box-shadow:4px 4px 4px 4px rgb(106, 109, 118) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 5.455, 278.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 109, 118) }
```

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

```
.background{ background-color: rgb(106,  
109, 118) }
```

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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