

Converting Colors

CIELCh(46, 10.411, 291.899)

Have a look what the booklet for
CIELCh(46, 10.411, 291.899)
contains.

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Color

CIELCh(46, 10.109, 291.565)

Conversions

Conversions Part 1

Format	Color
Hex	6C6C7D
RGB	108, 108, 125
RGB Percent	42%, 42%, 49%
CMY	0.5781, 0.5781, 0.5115
CMYK	0.14, 0.14, 0.00, 0.51
HSL	240°, 7%, 46%
HSV	240°, 14%, 49%
XYZ	15.1262, 15.2687, 21.4085
YIQ	109.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

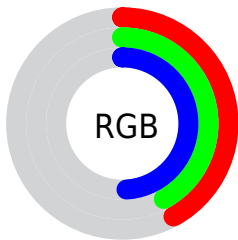
Format	Color
R_{YB}	108, 108, 125
Decimal	7105661
CIE _{Lab}	46.00, 3.72, -9.40
CIE _{LCh}	46, 10.109, 291.565
Yxy	15.2687, 0.2920, 0.2947
Android (android.graphics.Color)	4285295741 (0xFF6C6C7D)
YUV	109.9380, 7.4256, -1.6996
Hunter-Lab	39.0751, 0.7168, -5.1312

Details

The CIELCh color $46, 10.109, 291.565$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 9.811, 108.908$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 10.551, 293.250$, and $26, 9.824, 289.763$ is the 20% darker color. If you saturate the color by 10%, you get $41, 17.866, 292.786$, and if you desaturate by 10%, it is $51, 2.650, 290.528$.

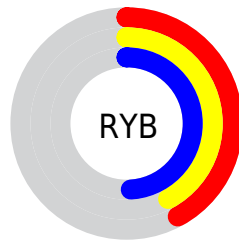
Distribution



Red (42%)

Green (42%)

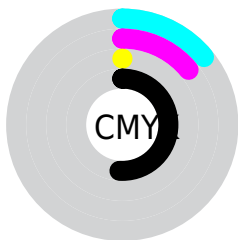
Blue (49%)



Red (42%)

Yellow (42%)

Blue (49%)

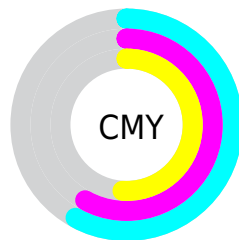


Cyan (14%)

Magenta (14%)

Yellow (0%)

Black (51%)



Cyan (58%)

Magenta (58%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 10.109, 291.565 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, 10.109, 291.565 by changing the saturation by 10% instead.

■ 46, 10.109,
291.565

■ 46, 10.109,
291.565

■ 100, 10.109,
291.565

■ 36, 10.109,
291.565

■ 66, 10.109,
291.565

■ 26, 10.109,
291.565

■ 76, 10.109,
291.565

■ 16, 10.109,
291.565

■ 86, 10.109,
291.565

■ 6, 10.109, 291.565

■ 96, 10.109,
291.565

■ 0, 10.109, 291.565

■ 46, 10.109,

■ 46, 10.109,

291.565

41, 17.866,
292.786

37, 25.947,
294.218

32, 34.362,
295.877

28, 43.088,
297.762

23, 52.015,
299.829

20, 60.828,
301.954

16, 68.843,
303.910

14, 75.021,
305.406

291.565

51, 2.650, 290.528

55, 4.528, 109.608

60, 11.448,
108.851

64, 18.128,
108.196

69, 24.584,
107.631

73, 30.830,
107.142

77, 36.880,
106.717

82, 42.746,
106.345

■ 12, 78.707,
306.283

■ 86, 48.439,
106.020

Harmonies

Complementary

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



46, 10.109, 291.565



52, 9.811, 108.908

Rectangle

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



46, 10.109, 291.565



46, 10.109, 341.565



46, 10.109, 111.565



46, 10.109, 161.565

Sweetspot

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



46, 10.108, 291.562



65, 3.635, 290.571



51, 6.569, 197.313



33, 2.573, 290.632



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, 10.108, 291.562



58, 14.868, 291.879



47, 10.630, 309.082



23, 4.079, 291.064



12, 78.879, 306.283



32, 132.792, 306.286

Inverse Universe

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



47, 7.127, 20.206



59, 10.537, 20.428



51, 10.433, 127.900



24, 2.851, 19.853



25, 60.070, 38.166



53, 103.774, 39.995

Previews

White Background



This preview shows how the CIELCh color 46, 10.109, 291.565 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, 10.109, 291.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

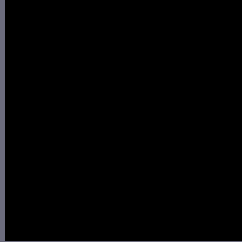
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

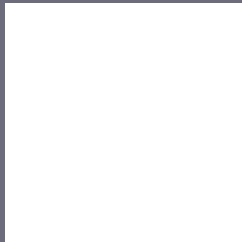
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 10.109, 291.565

Background



This preview shows how black text looks on a background with the CIELCh color 46, 10.109, 291.565.



This preview shows how white text looks on a background with the CIELCh color 46, 10.109, 291.565.

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, 10.109, 291.565

Protanopia

46, 10.124, 287.243

Deuteranopia

46, 11.590, 303.262



Tritanopia
46, 4.878, 276.822

Trichromacy



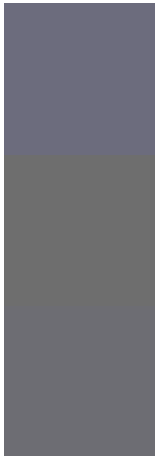
Original Color
46, 10.109, 291.565

Protanomaly
46, 10.110, 289.398

Deuteranomaly
46, 10.797, 297.788

Tritanomaly
46, 7.143, 288.037

Monochromacy



Original Color
46, 10.109, 291.565

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 3.567, 290.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 10.109, 291.565 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(108, 108, 125)` looks like.

```
.text, #text, p{  
    color:rgb(108, 108, 125)  
}
```

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(108, 108, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 108, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 10.109, 291.565 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(108, 108, 125) }
```

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

```
.border{ border-color:rgb(108, 108, 125) }
```

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

Here you see how a box with a 4 pixel rgb(108, 108, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 108, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 108, 125);  
box-shadow:4px 4px 4px 4px rgb(108, 108,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 10.109, 291.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 108, 125) }
```

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

```
.background{ background-color: rgb(108,  
108, 125) }
```

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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