

Converting Colors

CIELCh(41, 10.639, 228.260)

Have a look what the booklet for
CIELCh(41, 10.639, 228.260)
contains.

CIELCh(41, 10.690, 225.565)	3
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Color

CIELCh(41, 10.690, 225.565)

Conversions

Conversions Part 1

Format	Color
Hex	4B656D
RGB	75, 101, 109
RGB Percent	29%, 40%, 43%
CMY	0.7065, 0.6046, 0.5732
CMYK	0.31, 0.07, 0.00, 0.57
HSL	194°, 19%, 36%
HSV	194°, 31%, 43%
XYZ	10.2774, 11.8645, 16.1685
YIQ	94.1380, -18.0640, -3.0240

Conversions

Conversions Part 2

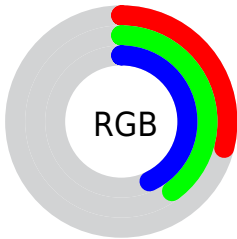
Format	Color
R _Y B	75, 90, 109
Decimal	4941165
CIE Lab	41.00, -7.48, -7.63
CIE LCh	41, 10.690, 225.565
Yxy	11.8645, 0.2683, 0.3097
Android (android.graphics.Color)	4283131245 (0xFF4B656D)
YUV	94.1380, 7.3270, -16.7840
Hunter-Lab	34.4449, -7.0191, -3.7193

Details

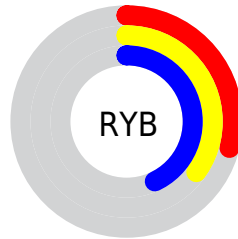
The CIELCh color **41, 10.690, 225.565** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **38, 13.015, 42.834**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 10.560, 224.006**, and **21, 10.670, 228.678** is the 20% darker color. If you saturate the color by 10%, you get **40, 13.618, 226.597**, and if you desaturate by 10%, it is **43, 7.490, 224.776**.

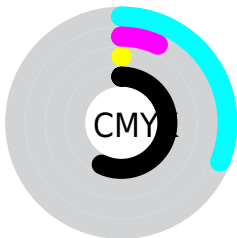
Distribution



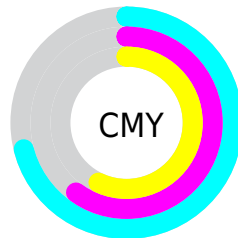
- Red (29%)
- Green (40%)
- Blue (43%)



- Red (29%)
- Yellow (35%)
- Blue (43%)



- Cyan (31%)
- Magenta (7%)
- Yellow (0%)
- Black (57%)





- Cyan (71%)
- Magenta (60%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 10.690, 225.565 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 41, 10.690, 225.565 by changing the saturation by 10% instead.


 41, 10.690,
225.565


 41, 10.690,
225.565


 100, 10.690,
225.565


 31, 10.690,
225.565

 61, 10.690,
225.565


 21, 10.690,
225.565

 71, 10.690,
225.565


 11, 10.690,
225.565


 81, 10.690,
225.565

 1, 10.690, 225.565

 91, 10.690,
225.565

 0, 10.690, 225.565

 41, 10.690,

 41, 10.690,

225.565

■ 40, 13.618,
226.597

■ 38, 16.228,
227.941

■ 37, 18.480,
229.659

■ 36, 20.348,
231.827

■ 34, 21.826,
234.521

■ 33, 22.944,
237.805

■ 33, 23.842,
240.804

225.565

■ 43, 7.490, 224.776

■ 44, 4.065, 224.211

■ 46, 0.458, 224.426

■ 47, 3.292, 43.251

■ 49, 7.151, 43.079

■ 51, 11.090, 42.943

■ 53, 15.087, 42.857

■ 55, 19.122, 42.814

■ 56, 23.179, 42.805

Harmonies

Complementary

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



41, 10.690, 225.565



38, 13.015, 42.834

Rectangle

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



41, 10.690, 225.565



41, 10.690, 275.565



41, 10.690, 45.565



41, 10.690, 95.565

Sweetspot

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



41, 10.690, 225.560



57, 4.028, 224.128



43, 21.105, 149.444



29, 2.813, 224.174



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 10.690, 225.560



51, 15.232, 226.228



36, 15.740, 280.453



21, 2.017, 224.117



35, 25.186, 241.203



71, 43.867, 244.028

Inverse Universe

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



36, 21.205, 333.759



45, 30.833, 334.224



42, 15.492, 92.455



21, 3.740, 332.297



25, 54.704, 339.786



55, 93.241, 340.652

Previews

White Background



This preview shows how the CIE LCh color 41, 10.690, 225.565 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 CIELCh color 41, 10.690, 225.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

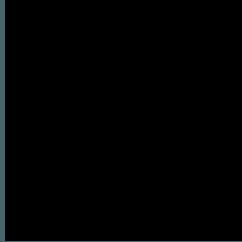
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

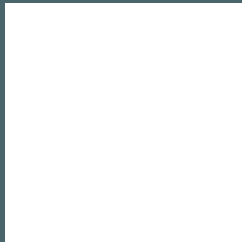
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 10.690, 225.565

Background



This preview shows how black text looks on a background with the CIELCh color 41, 10.690, 225.565.



This preview shows how white text looks on a background with the CIELCh color 41, 10.690, 225.565.

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

41, 10.690, 225.565

Protanopia

41, 6.081, 287.327

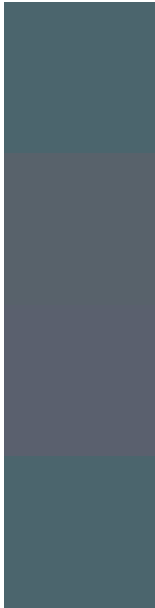
Deuteranopia

41, 9.967, 303.090



Tritanopia
41, 10.690, 225.565

Trichromacy



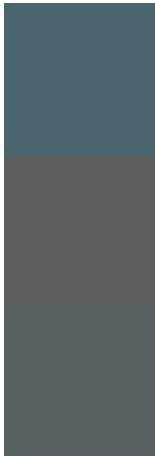
Original Color
41, 10.690, 225.565

Protanomaly
41, 6.632, 254.817

Deuteranomaly
41, 8.766, 276.056

Tritanomaly
41, 10.690, 225.565

Monochromacy



Original Color
41, 10.690, 225.565

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 4.030, 226.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 10.690, 225.565 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(75, 101, 109)` looks like.

```
.text, #text, p{  
    color:rgb(75, 101, 109)  
}
```

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(75, 101, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 101, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 10.690, 225.565 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(75, 101, 109) }
```

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

```
.border{ border-color:rgb(75, 101, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 101, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 101, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 101, 109);  
box-shadow:4px 4px 4px 4px rgb(75, 101,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 10.690, 225.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 101, 109) }
```

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

```
.background{ background-color: rgb(75, 101,  
109) }
```

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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