

Converting Colors

CIELCh(41, 11.871, 221.515)

Have a look what the booklet for
CIELCh(41, 11.871, 221.515)
contains.

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Color

CIELCh(41, 11.889, 222.518)

Conversions

Conversions Part 1

Format	Color
Hex	47656D
RGB	71, 101, 109
RGB Percent	28%, 40%, 43%
CMY	0.7198, 0.6022, 0.5708
CMYK	0.35, 0.07, 0.00, 0.57
HSL	193°, 21%, 35%
HSV	193°, 35%, 43%
XYZ	10.1128, 11.8645, 16.3531
YIQ	92.9420, -20.4480, -3.8720

Conversions

Conversions Part 2

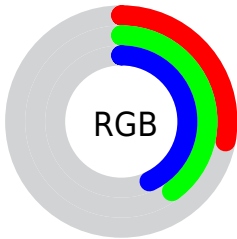
Format	Color
R_{YB}	71, 88, 109
Decimal	4679021
CIE Lab	41.00, -8.76, -8.03
CIE LCh	41, 11.889, 222.518
Yxy	11.8645, 0.2638, 0.3095
Android (android.graphics.Color)	4282869101 (0xFF47656D)
YUV	92.9420, 7.9166, -19.2431
Hunter-Lab	34.4449, -7.8724, -4.0372

Details

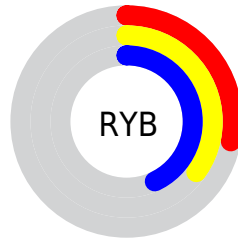
The CIELCh color **41, 11.889, 222.518** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **37, 14.935, 40.312**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 11.783, 221.126**, and **21, 11.920, 224.980** is the 20% darker color. If you saturate the color by 10%, you get **40, 14.720, 223.478**, and if you desaturate by 10%, it is **42, 8.753, 221.797**.

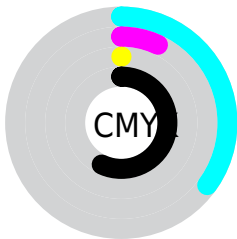
Distribution



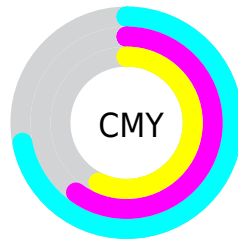
- Red (28%)
- Green (40%)
- Blue (43%)



- Red (28%)
- Yellow (35%)
- Blue (43%)



- Cyan (35%)
- Magenta (7%)
- Yellow (0%)
- Black (57%)





- Cyan (72%)
- Magenta (60%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 11.889, 222.518 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, 11.889, 222.518 by changing the saturation by 10% instead.


 41, 11.889,
222.518


 41, 11.889,
222.518


 100, 11.889,
222.518


 31, 11.889,
222.518

 61, 11.889,
222.518


 21, 11.889,
222.518

 71, 11.889,
222.518


 11, 11.889,
222.518


 81, 11.889,
222.518

 1, 11.889, 222.518

 91, 11.889,
222.518

 0, 11.889, 222.518

 41, 11.889,

 41, 11.889,

222.518

■ 40, 14.720,
223.478

■ 38, 17.197,
224.743

■ 37, 19.281,
226.376

■ 36, 20.948,
228.449

■ 35, 22.200,
231.034

■ 34, 23.104,
234.128

■ 34, 23.574,
235.745

222.518

■ 42, 8.753, 221.797

■ 44, 5.362, 221.288

■ 45, 1.763, 221.040

■ 47, 2.000, 40.410

■ 49, 5.889, 40.361

■ 50, 9.873, 40.295

■ 52, 13.926, 40.274

■ 54, 18.024, 40.292

■ 56, 22.151, 40.341

Harmonies

Complementary

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



41, 11.889, 222.518



37, 14.935, 40.312

Rectangle

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



41, 11.889, 222.518



41, 11.889, 272.518



41, 11.889, 42.518



41, 11.889, 92.518

Sweetspot

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



41, 11.889, 222.514



57, 4.578, 221.129



43, 24.139, 147.975



29, 3.094, 221.162



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, 11.889, 222.514



52, 17.306, 223.307



35, 16.937, 278.791



22, 2.038, 221.092



36, 24.785, 236.080



73, 42.956, 238.668

Inverse Universe

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



36, 24.063, 333.045



44, 35.947, 333.610



42, 16.831, 89.533



21, 3.807, 331.396



26, 55.661, 338.300



55, 94.944, 339.038

Previews

White Background



This preview shows how the CIELCh color 41, 11.889, 222.518 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, 11.889, 222.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

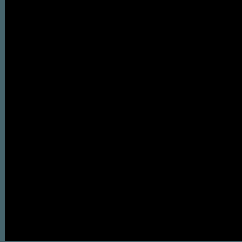
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

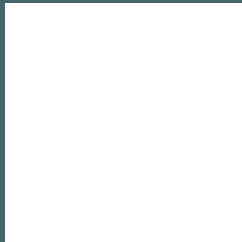
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 11.889, 222.518

Background



This preview shows how black text looks on a background with the CIELCh color 41, 11.889, 222.518.



This preview shows how white text looks on a background with the CIELCh color 41, 11.889, 222.518.

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, 11.889, 222.518

Protanopia

41, 6.081, 287.327

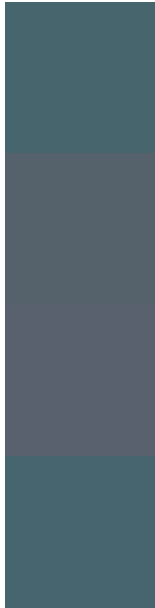
Deuteranopia

41, 10.562, 302.478



Tritanopia
41, 12.078, 225.350

Trichromacy



Original Color
41, 11.889, 222.518

Protanomaly
41, 7.086, 249.739

Deuteranomaly
41, 8.401, 269.720

Tritanomaly
41, 12.078, 225.350

Monochromacy



Original Color
41, 11.889, 222.518

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 4.740, 221.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 11.889, 222.518 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(71, 101, 109)` looks like.

```
.text, #text, p{  
    color:rgb(71, 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(71, 101, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 101, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 11.889, 222.518 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(71, 101, 109) }
```

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

```
.border{ border-color:rgb(71, 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(71, 101, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 101, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 101, 109);  
box-shadow:4px 4px 4px 4px rgb(71, 101,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 11.889, 222.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 101, 109) }
```

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

```
.background{ background-color: rgb(71, 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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