

Converting Colors

CIELCh(41, 14.036, 236.851)

Have a look what the booklet for
CIELCh(41, 14.036, 236.851)
contains.

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Color

CIELCh(41, 14.197, 238.574)

Conversions

Conversions Part 1

Format	Color
Hex	456574
RGB	69, 101, 116
RGB Percent	27%, 40%, 45%
CMY	0.7289, 0.6034, 0.5446
CMYK	0.40, 0.13, 0.00, 0.54
HSL	199°, 25%, 36%
HSV	199°, 40%, 46%
XYZ	10.2880, 11.8645, 18.3090
YIQ	93.1420, -23.8870, -2.1190

Conversions

Conversions Part 2

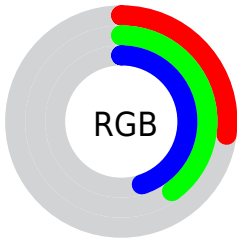
Format	Color
R_{YB}	69, 88, 116
Decimal	4547956
CIE _{Lab}	41.00, -7.40, -12.11
CIE _{LCh}	41, 14.197, 238.574
Yxy	11.8645, 0.2543, 0.2932
Android (android.graphics.Color)	4282738036 (0xFF456574)
YUV	93.1420, 11.2690, -21.1725
Hunter-Lab	34.4449, -6.9642, -7.4037

Details

The CIELCh color $41, 14.197, 238.574$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $39, 17.892, 51.431$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 14.269, 238.003$, and $21, 14.294, 239.851$ is the 20% darker color. If you saturate the color by 10%, you get $39, 17.136, 240.479$, and if you desaturate by 10%, it is $43, 10.994, 237.037$.

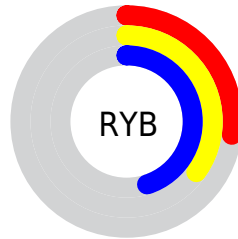
Distribution



Red (27%)

Green (40%)

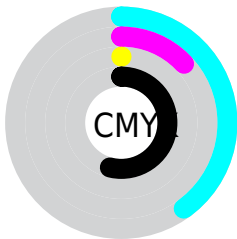
Blue (45%)



Red (27%)

Yellow (35%)

Blue (45%)

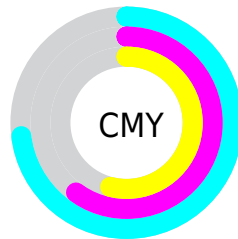


Cyan (40%)

Magenta (13%)

Yellow (0%)

Black (54%)



Cyan (73%)


Magenta (60%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 14.197, 238.574 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, 14.197, 238.574 by changing the saturation by 10% instead.


 41, 14.197,
238.574


 41, 14.197,
238.574


 100, 14.197,
238.574


 31, 14.197,
238.574

 61, 14.197,
238.574


 21, 14.197,
238.574

 71, 14.197,
238.574


 11, 14.197,
238.574


 81, 14.197,
238.574

 1, 14.197, 238.574

 91, 14.197,
238.574

 0, 14.197, 238.574

 41, 14.197,

 41, 14.197,

238.574

238.574

■ 39, 17.136,
240.479

■ 43, 10.994,
237.037

■ 37, 19.785,
242.835

■ 45, 7.566, 235.811

■ 36, 22.129,
245.717

■ 47, 3.951, 234.854

■ 49, 0.185, 235.764

■ 34, 24.182,
249.186

■ 51, 3.698, 53.232

■ 33, 25.991,
253.270

■ 53, 7.671, 52.756

■ 55, 11.708, 52.348

■ 31, 27.675,
257.300

■ 57, 15.789, 52.011

■ 59, 19.899, 51.734

Harmonies

Complementary

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



41, 14.197, 238.574



39, 17.892, 51.431

Rectangle

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



41, 14.197, 238.574



41, 14.197, 288.574



41, 14.197, 58.574



41, 14.197, 108.574

Sweetspot

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



41, 14.197, 238.571



59, 5.576, 235.008



45, 26.935, 151.603



31, 3.720, 235.093



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



41, 14.197, 238.571



51, 20.584, 240.428



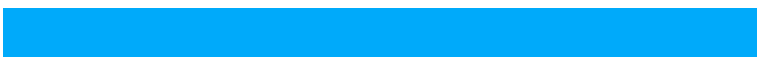
34, 24.157, 287.166



24, 2.146, 234.742



33, 28.818, 257.612



66, 50.291, 260.660

Inverse Universe

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



36, 27.245, 338.022



43, 40.283, 338.881



45, 22.888, 96.917



23, 3.802, 335.630



26, 53.347, 345.486



55, 89.507, 346.781

Previews

White Background



This preview shows how the CIE LCh color 41, 14.197, 238.574 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, 14.197, 238.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

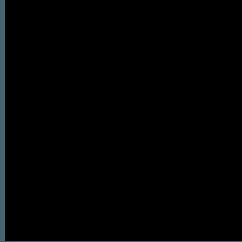
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 14.197, 238.574

Background



This preview shows how black text looks on a background with the CIELCh color 41, 14.197, 238.574.

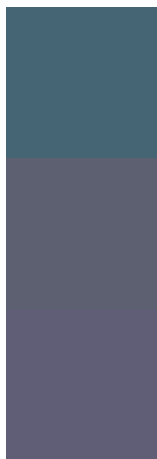


This preview shows how white text looks on a background with the CIELCh color 41, 14.197, 238.574.

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, 14.197, 238.574

Protanopia

41, 9.760, 284.789

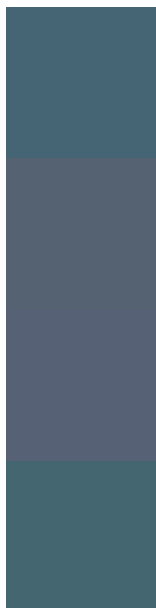
Deuteranopia

41, 14.617, 293.834



Tritanopia
41, 13.060, 220.068

Trichromacy



Original Color
41, 14.197, 238.574

Protanomaly
41, 10.883, 262.748

Deuteranomaly
41, 12.687, 273.158

Tritanomaly
41, 13.401, 225.264

Monochromacy



Original Color
41, 14.197, 238.574

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 5.588, 232.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 14.197, 238.574 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(69, 101, 116)` looks like.

```
.text, #text, p{  
    color:rgb(69, 101, 116)  
}
```

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(69, 101, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 101, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 14.197, 238.574 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(69, 101, 116) }
```

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

```
.border{ border-color:rgb(69, 101, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 101, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 101, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 101, 116);  
box-shadow:4px 4px 4px 4px rgb(69, 101,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 14.197, 238.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 101, 116) }
```

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

```
.background{ background-color: rgb(69, 101,  
116) }
```

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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