

Converting Colors

CIELCh(41, 14.470, 247.699)

Have a look what the booklet for
CIELCh(41, 14.470, 247.699)
contains.

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Color

CIELCh(41, 14.419, 248.292)

Conversions

Conversions Part 1

Format	Color
Hex	486476
RGB	72, 100, 118
RGB Percent	28%, 39%, 46%
CMY	0.7166, 0.6068, 0.5362
CMYK	0.39, 0.15, 0.00, 0.54
HSL	203°, 24%, 37%
HSV	203°, 39%, 46%
XYZ	10.5583, 11.8645, 18.9542
YIQ	93.6800, -22.4660, -0.3380

Conversions

Conversions Part 2

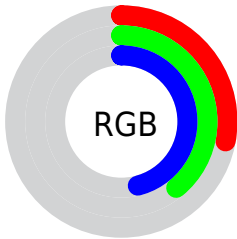
Format	Color
R_{YB}	72, 89, 118
Decimal	4744310
CIE _{Lab}	41.00, -5.33, -13.40
CIE _{LCh}	41, 14.419, 248.292
Yxy	11.8645, 0.2552, 0.2867
Android (android.graphics.Color)	4282934390 (0xFF486476)
YUV	93.6800, 11.9898, -19.0134
Hunter-Lab	34.4449, -5.5634, -8.5144

Details

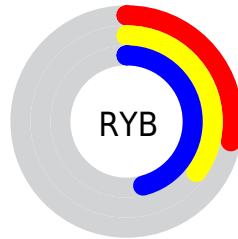
The CIELCh color $41, 14.419, 248.292$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $41, 17.236, 59.280$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 14.389, 247.122$, and $21, 14.653, 250.646$ is the 20% darker color. If you saturate the color by 10%, you get $39, 17.725, 250.461$, and if you desaturate by 10%, it is $43, 10.923, 246.500$.

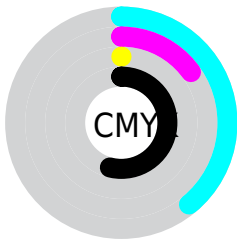
Distribution



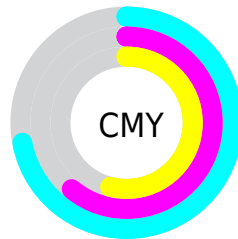
- Red (28%)
- Green (39%)
- Blue (46%)



- Red (28%)
- Yellow (35%)
- Blue (46%)



- Cyan (39%)
- Magenta (15%)
- Yellow (0%)
- Black (54%)





- Cyan (72%)
- Magenta (61%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 14.419, 248.292 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, 14.419, 248.292 by changing the saturation by 10% instead.


 41, 14.419,
248.292


 41, 14.419,
248.292


 100, 14.419,
248.292


 31, 14.419,
248.292

 61, 14.419,
248.292


 21, 14.419,
248.292

 71, 14.419,
248.292


 11, 14.419,
248.292


 81, 14.419,
248.292

 1, 14.419, 248.292

 91, 14.419,
248.292

 0, 14.419, 248.292

 41, 14.419,

 41, 14.419,

248.292

248.292

■ 39, 17.725,
250.461

■ 43, 10.923,
246.500

■ 37, 20.824,
253.081

■ 45, 7.264, 245.032

■ 35, 23.715,
256.213

■ 48, 3.471, 243.852

■ 50, 0.429, 62.032

■ 33, 26.419,
259.895

■ 52, 4.410, 61.826

■ 31, 28.988,
264.120

■ 55, 8.449, 61.145

■ 57, 12.528, 60.553

■ 29, 31.565,
268.516

■ 59, 16.631, 60.045

■ 29, 31.860,
268.964

■ 62, 20.745, 59.607

Harmonies

Complementary

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



41, 14.419, 248.292



41, 17.236, 59.280

Rectangle

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



41, 14.419, 248.292



41, 14.419, 298.292



41, 14.419, 68.292



41, 14.419, 118.292

Sweetspot

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



41, 14.418, 248.290



60, 5.750, 244.219



46, 24.962, 154.516



30, 3.787, 244.327



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, 14.418, 248.290



50, 21.073, 250.285



34, 25.472, 290.226



23, 2.180, 243.865



30, 32.742, 269.166



61, 57.876, 272.171

Inverse Universe

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



37, 25.381, 341.357



44, 37.538, 342.294



47, 23.756, 100.963



23, 3.612, 338.832



26, 51.294, 351.013



55, 86.113, 352.787

Previews

White Background



This preview shows how the CIELCh color 41, 14.419, 248.292 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 41, 14.419, 248.292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

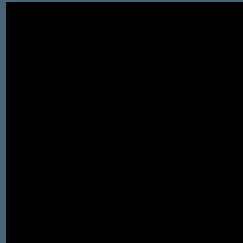
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

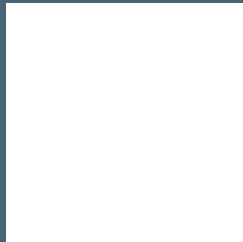
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 14.419, 248.292

Background



This preview shows how black text looks on a background with the CIELCh color 41, 14.419, 248.292.

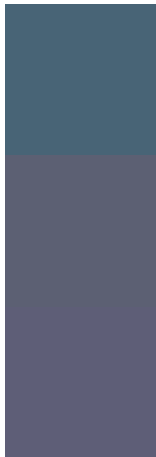


This preview shows how white text looks on a background with the CIELCh color 41, 14.419, 248.292.

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, 14.419, 248.292

Protanopia

41, 11.601, 284.337

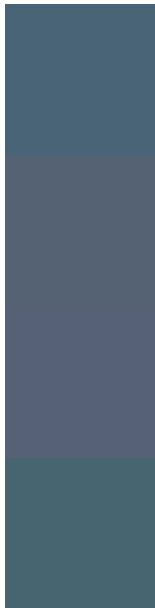
Deuteranopia

41, 15.213, 292.440



Tritanopia
41, 12.474, 221.215

Trichromacy



Original Color
41, 14.419, 248.292

Protanomaly
41, 11.796, 267.517

Deuteranomaly
41, 14.340, 277.374

Tritanomaly
41, 12.802, 233.281

Monochromacy



Original Color
41, 14.419, 248.292

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 5.741, 247.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 14.419, 248.292 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(72, 100, 118)` looks like.

```
.text, #text, p{  
    color:rgb(72, 100, 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(72, 100, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 100, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 14.419, 248.292 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(72, 100, 118) }
```

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

```
.border{ border-color:rgb(72, 100, 118) }
```

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

Here you see how a box with a 4 pixel rgb(72, 100, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 100, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 100, 118);  
box-shadow:4px 4px 4px 4px rgb(72, 100,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 14.419, 248.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 100, 118) }
```

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

```
.background{ background-color: rgb(72, 100,  
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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