

Converting Colors

CIELCh(42, 14.630, 286.179)

Have a look what the booklet for
CIELCh(42, 14.630, 286.179)
contains.

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Color

CIELCh(42, 14.551, 286.415)

Conversions

Conversions Part 1

Format	Color
Hex	5E627A
RGB	94, 98, 122
RGB Percent	37%, 38%, 48%
CMY	0.6317, 0.6160, 0.5219
CMYK	0.23, 0.20, 0.00, 0.52
HSL	231°, 13%, 42%
HSV	231°, 23%, 48%
XYZ	12.4768, 12.5000, 20.1420
YIQ	99.5400, -10.0880, 6.6160

Conversions

Conversions Part 2

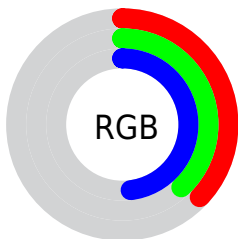
Format	Color
R_{YB}	94, 98, 122
Decimal	6185594
CIE Lab	42.00, 4.11, -13.96
CIE LCh	42, 14.551, 286.415
Yxy	12.5000, 0.2765, 0.2770
Android (android.graphics.Color)	4284375674 (0xFF5E627A)
YUV	99.5400, 11.0728, -4.8586
Hunter-Lab	35.3553, 1.1204, -9.0289

Details

The CIELCh color $42, 14.551, 286.415$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 14.068, 101.214$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 14.073, 285.880$, and $22, 14.170, 285.411$ is the 20% darker color. If you saturate the color by 10%, you get $38, 21.238, 287.958$, and if you desaturate by 10%, it is $46, 8.085, 285.089$.

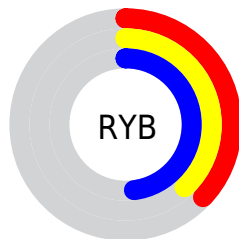
Distribution



Red (37%)

Green (38%)

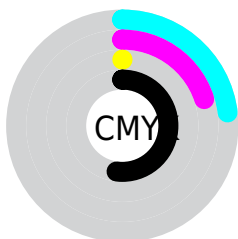
Blue (48%)



Red (37%)

Yellow (38%)

Blue (48%)

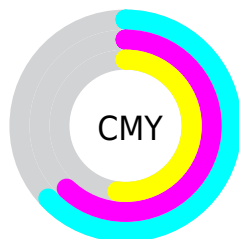


Cyan (23%)

Magenta (20%)

Yellow (0%)

Black (52%)



Cyan (63%)


Magenta (62%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 14.551, 286.415 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 42, 14.551, 286.415 by changing the saturation by 10% instead.


 42, 14.551,
286.415


 42, 14.551,
286.415


 100, 14.551,
286.415


 32, 14.551,
286.415

 62, 14.551,
286.415


 22, 14.551,
286.415

 72, 14.551,
286.415

 12, 14.551,
286.415


 82, 14.551,
286.415

 2, 14.551, 286.415

 92, 14.551,
286.415

 0, 14.551, 286.415

 42, 14.551,

 42, 14.551,

286.415

■ 38, 21.238,
287.958

■ 34, 28.166,
289.751

■ 30, 35.351,
291.813

■ 26, 42.787,
294.141

■ 22, 50.412,
296.684

■ 19, 58.030,
299.322

■ 16, 65.205,
301.841

■ 14, 69.694,
303.266

286.415

■ 46, 8.085, 285.089

■ 50, 1.824, 283.983

■ 54, 4.245, 102.927

■ 58, 10.136,
102.084

■ 62, 15.859,
101.343

■ 66, 21.423,
100.692

■ 70, 26.835,
100.120

■ 73, 32.103, 99.612

■ 77, 37.235, 99.161

Harmonies

Complementary

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



42, 14.551, 286.415



49, 14.068, 101.214

Rectangle

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



42, 14.551, 286.415



42, 14.551, 336.415



42, 14.551, 106.415



42, 14.551, 156.415

Sweetspot

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



42, 14.550, 286.413



62, 5.355, 284.414



49, 11.062, 185.284



31, 3.462, 284.459



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



42, 14.550, 286.413



51, 22.153, 287.267



42, 17.450, 304.961



24, 3.503, 284.628



15, 71.074, 303.324



35, 124.291, 304.433

Inverse Universe

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



43, 12.248, 9.864



53, 18.751, 10.572



50, 16.768, 122.491



24, 2.899, 8.388



25, 55.851, 31.551



53, 96.814, 34.397

Previews

White Background



This preview shows how the CIELCh color 42, 14.551, 286.415 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 42, 14.551, 286.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

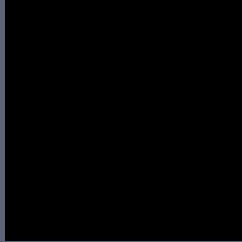
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

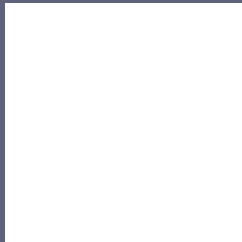
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 14.551, 286.415

Background



This preview shows how black text looks on a background with the CIELCh color 42, 14.551, 286.415.

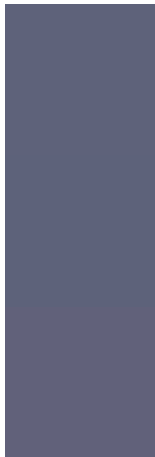


This preview shows how white text looks on a background with the CIELCh color 42, 14.551, 286.415.

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

42, 14.551, 286.415

Protanopia

42, 14.584, 284.978

Deuteranopia

42, 15.131, 292.381



Tritanopia
42, 5.919, 254.177

Trichromacy



Original Color
42, 14.551, 286.415

Protanomaly
42, 14.584, 284.978

Deuteranomaly
42, 15.130, 290.968

Tritanomaly
42, 8.819, 273.597

Monochromacy



Original Color
42, 14.551, 286.415

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.887, 281.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 14.551, 286.415 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(94, 98, 122)` looks like.

```
.text, #text, p{  
    color:rgb(94, 98, 122)  
}
```

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(94, 98, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 98, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 14.551, 286.415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

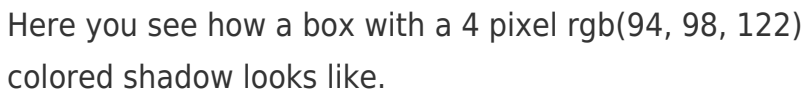
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 98, 122) }
```

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

```
.border{ border-color:rgb(94, 98, 122) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 98, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 98, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 98, 122);  
box-shadow:4px 4px 4px 4px rgb(94, 98,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 14.551, 286.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 98, 122) }
```

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

```
.background{ background-color: rgb(94, 98,  
122) }
```

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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