

Converting Colors

CIELCh(42, 14.692, 122.967)

Have a look what the booklet for
CIELCh(42, 14.692, 122.967)
contains.

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Color

CIELCh(42, 14.216, 122.452)

Conversions

Conversions Part 1

Format	Color
Hex	5E664F
RGB	94, 102, 79
RGB Percent	37%, 40%, 31%
CMY	0.6306, 0.5992, 0.6894
CMYK	0.08, 0.00, 0.23, 0.60
HSL	81°, 13%, 36%
HSV	81°, 23%, 40%
XYZ	10.8262, 12.5000, 9.2763
YIQ	96.9860, 2.6150, -8.8490

Conversions

Conversions Part 2

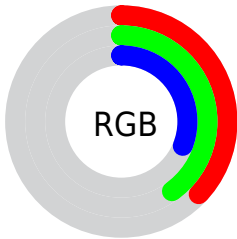
Format	Color
R_{YB}	79, 102, 87
Decimal	6186575
CIE Lab	42.00, -7.63, 12.00
CIE LCh	42, 14.216, 122.452
Yxy	12.5000, 0.3321, 0.3834
Android (android.graphics.Color)	4284376655 (0xFF5E664F)
YUV	96.9860, -8.8671, -2.6187
Hunter-Lab	35.3553, -7.2133, 9.1926

Details

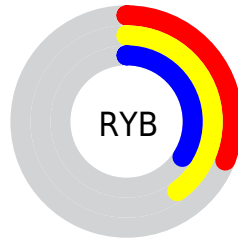
The CIELCh color $42, 14.216, 122.452$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $35, 14.772, 304.829$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 14.311, 121.666$, and $22, 14.290, 121.257$ is the 20% darker color. If you saturate the color by 10%, you get $41, 20.455, 121.938$, and if you desaturate by 10%, it is $43, 7.912, 122.971$.

Distribution



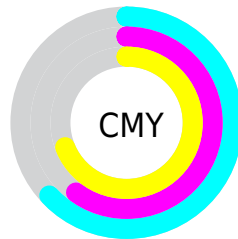
- Red (37%)
- Green (40%)
- Blue (31%)



- Red (31%)
- Yellow (40%)
- Blue (34%)



- Cyan (8%)
- Magenta (0%)
- Yellow (23%)
- Black (60%)





- Cyan (63%)
- Magenta (60%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 14.216, 122.452 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, 14.216, 122.452 by changing the saturation by 10% instead.


 42, 14.216,
122.452


 42, 14.216,
122.452


 100, 14.216,
122.452


 32, 14.216,
122.452


 62, 14.216,
122.452


 22, 14.216,
122.452

 72, 14.216,
122.452

 12, 14.216,
122.452

 82, 14.216,
122.452

 2, 14.216, 122.452

 92, 14.216,
122.452

 0, 14.216, 122.452

 42, 14.216,

 42, 14.216,

122.452

122.452

■ 41, 20.455,
121.938

■ 43, 7.912, 122.971

■ 41, 26.562,
121.441

■ 43, 1.584, 123.490

■ 44, 4.735, 303.933

■ 41, 32.446,
120.996

■ 44, 11.023,
304.386

■ 40, 37.976,
120.650

■ 45, 17.262,
304.806

■ 40, 42.965,
120.472

■ 46, 23.439,
305.194

■ 40, 47.180,
120.551

■ 47, 29.546,
305.553

■ 39, 50.415,
120.966

■ 47, 35.576,
305.883

■ 39, 52.704,
121.255

■ 48, 41.525,

Harmonies

Complementary

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



42, 14.216, 122.452



35, 14.772, 304.829

Rectangle

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



42, 14.216, 122.452



42, 14.216, 172.452



42, 14.216, 302.452



42, 14.216, 352.452

Sweetspot

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



42, 14.217, 122.455



55, 5.479, 123.243



38, 8.373, 54.051



28, 3.532, 123.227



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



42, 14.217, 122.455



54, 21.083, 122.182



41, 16.164, 138.710



21, 3.543, 123.155



44, 57.288, 121.458



87, 99.998, 122.374

Inverse Universe

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



35, 14.772, 304.829



43, 22.120, 305.166



36, 16.297, 320.753



19, 3.600, 304.035



14, 71.042, 309.432



35, 124.096, 308.836

Previews

White Background



This preview shows how the CIE LCh color 42, 14.216, 122.452 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 42, 14.216, 122.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

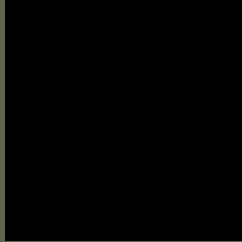
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 14.216, 122.452

Background



This preview shows how black text looks on a background with the CIELCh color 42, 14.216, 122.452.

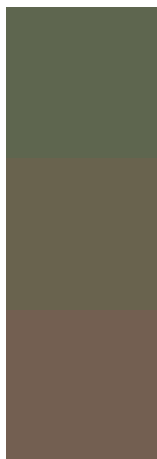


This preview shows how white text looks on a background with the CIELCh color 42, 14.216, 122.452.

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, 14.216, 122.452

Protanopia

42, 12.888, 96.176

Deuteranopia

42, 12.461, 62.371



Tritanopia
42, 4.244, 285.364

Trichromacy



Original Color
42, 14.216, 122.452

Protanomaly
42, 13.184, 106.247

Deuteranomaly
42, 11.565, 88.090

Tritanomaly
42, 2.727, 137.178

Monochromacy



Original Color
42, 14.216, 122.452

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 5.000, 124.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 14.216, 122.452 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, 102, 79)` looks like.

```
.text, #text, p{  
    color:rgb(94, 102, 79)  
}
```

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, 102, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 102, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 14.216, 122.452 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, 102, 79) }
```

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

```
.border{ border-color:rgb(94, 102, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 102, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 102, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 102, 79);  
box-shadow:4px 4px 4px 4px rgb(94, 102,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 14.216, 122.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 102, 79) }
```

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

```
.background{ background-color: rgb(94, 102,  
79) }
```

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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