

Converting Colors

CIELCh(42, 30.368, 322.534)

Have a look what the booklet for
CIELCh(42, 30.368, 322.534)
contains.

CIELCh(42, 30.142, 322.187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(42, 30.142, 322.187)

Conversions

Conversions Part 1

Format	Color
Hex	7C5682
RGB	124, 86, 130
RGB Percent	49%, 34%, 51%
CMY	0.5145, 0.6635, 0.4910
CMYK	0.05, 0.34, 0.00, 0.49
HSL	292°, 20%, 42%
HSV	292°, 34%, 51%
XYZ	15.6095, 12.5000, 22.6361
YIQ	102.3780, 8.5240, 21.7400

Conversions

Conversions Part 2

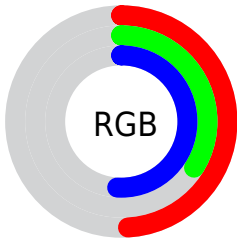
Format	Color
R_{YB}	124, 86, 130
Decimal	8148610
CIE _{Lab}	42.00, 23.81, -18.48
CIE _{LCh}	42, 30.142, 322.187
Yxy	12.5000, 0.3076, 0.2463
Android (android.graphics.Color)	4286338690 (0xFF7C5682)
YUV	102.3780, 13.6176, 18.9625
Hunter-Lab	35.3553, 16.9365, -13.2114

Details

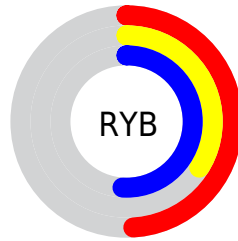
The CIELCh color $42, 30.142, 322.187$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $51, 29.868, 138.775$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 30.305, 322.122$, and $22, 30.070, 321.690$ is the 20% darker color. If you saturate the color by 10%, you get $39, 38.840, 322.596$, and if you desaturate by 10%, it is $45, 21.229, 321.746$.

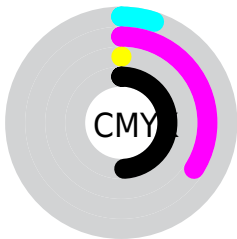
Distribution



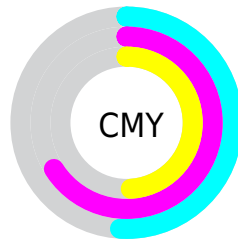
- Red (49%)
- Green (34%)
- Blue (51%)



- Red (49%)
- Yellow (34%)
- Blue (51%)



- Cyan (5%)
- Magenta (34%)
- Yellow (0%)
- Black (49%)





- Cyan (51%)
- Magenta (66%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 30.142, 322.187 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, 30.142, 322.187 by changing the saturation by 10% instead.


 42, 30.142,
322.187


 42, 30.142,
322.187


 100, 30.142,
322.187


 32, 30.142,
322.187

 62, 30.142,
322.187


 22, 30.142,
322.187

 72, 30.142,
322.187

 12, 30.142,
322.187

 82, 30.142,
322.187

 2, 30.142, 322.187

 92, 30.142,
322.187

 0, 30.142, 322.187

 42, 30.142,

 42, 30.142,

322.187

■ 39, 38.840,
322.596

■ 36, 47.085,
322.951

■ 33, 54.568,
323.225

■ 31, 60.932,
323.385

■ 29, 65.837,
323.403

■ 28, 69.076,
323.255

■ 27, 70.735,
323.141

322.187

■ 45, 21.229,
321.746

■ 49, 12.281,
321.289

■ 53, 3.415, 320.803


■ 57, 5.293, 140.442

■ 60, 13.799,
140.001

■ 64, 22.077,
139.596

■ 68, 30.119,
139.217

■ 72, 37.924,
138.866

 76, 45.496,
138.540

Harmonies

Complementary

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



42, 30.142, 322.187



51, 29.868, 138.775

Rectangle

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



42, 30.142, 322.187



42, 30.142, 12.187



42, 30.142, 142.187



42, 30.142, 192.187

Sweetspot

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



42, 30.140, 322.187



64, 10.907, 321.118



40, 22.836, 287.794



33, 7.413, 321.173



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



42, 30.140, 322.187



51, 44.935, 322.520



42, 24.567, 338.922



25, 4.895, 321.064



26, 69.830, 323.150



0, 0.000, 0.000

Inverse Universe

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



41, 19.560, 11.818



50, 29.789, 13.100



50, 24.174, 153.594



25, 2.995, 8.905



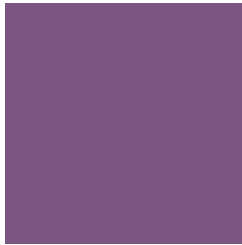
26, 56.971, 32.095



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 42, 30.142, 322.187 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, 30.142, 322.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

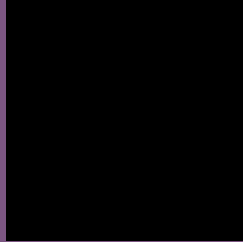
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 30.142, 322.187

Background



This preview shows how black text looks on a background with the CIELCh color 42, 30.142, 322.187.



This preview shows how white text looks on a background with the CIELCh color 42, 30.142, 322.187.

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, 30.142, 322.187

Protanopia

42, 24.896, 285.146

Deuteranopia

42, 18.143, 288.207



Tritanopia
42, 12.231, 1.084

Trichromacy



Original Color
42, 30.142, 322.187

Protanomaly
42, 25.570, 298.558

Deuteranomaly
42, 21.651, 304.022

Tritanomaly
42, 17.479, 338.442

Monochromacy



Original Color
42, 30.142, 322.187

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 11.230, 321.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 30.142, 322.187 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(124, 86, 130)` looks like.

```
.text, #text, p{  
    color:rgb(124, 86, 130)  
}
```

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(124, 86, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 86, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 30.142, 322.187 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(124, 86, 130) }
```

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

```
.border{ border-color:rgb(124, 86, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 86, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 86, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 86, 130);  
box-shadow:4px 4px 4px 4px rgb(124, 86,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 30.142, 322.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 86, 130) }
```

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

```
.background{ background-color: rgb(124, 86,  
130) }
```

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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