

Converting Colors

CIELCh(72, 40.926, 143.284)

Have a look what the booklet for
CIELCh(72, 40.926, 143.284)
contains.

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Color

CIELCh(72, 41.341, 142.887)

Conversions

Conversions Part 1

Format	Color
Hex	80C082
RGB	128, 192, 130
RGB Percent	50%, 75%, 51%
CMY	0.4997, 0.2488, 0.4918
CMYK	0.33, 0.00, 0.32, 0.25
HSL	122°, 34%, 63%
HSV	122°, 33%, 75%
XYZ	31.5899, 43.6590, 27.7343
YIQ	165.7960, -18.2420, -32.8500

Conversions

Conversions Part 2

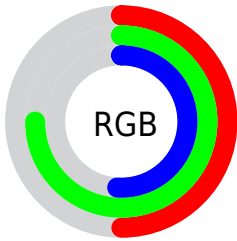
Format	Color
RYB	128, 190, 192
Decimal	8437890
CIELab	72.00, -32.97, 24.94
CIELCh	72, 41.341, 142.887
Yxy	43.6590, 0.3067, 0.4239
Android (android.graphics.Color)	4286627970 (0xFF80C082)
YUV	165.7960, -17.6474, -33.1471
Hunter-Lab	66.0750, -30.2919, 21.3661

Details

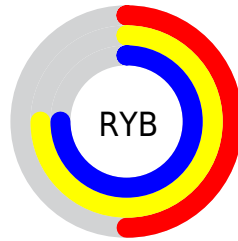
The CIELCh color $72, 41.341, 142.887$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $62, 41.321, 327.117$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $92, 41.554, 142.624$, and $52, 41.249, 142.753$ is the 20% darker color. If you saturate the color by 10%, you get $71, 53.267, 141.902$, and if you desaturate by 10%, it is $73, 29.031, 143.747$.

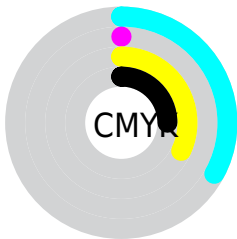
Distribution



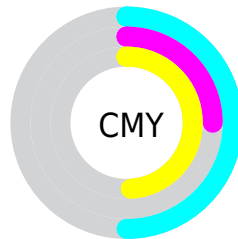
- Red (50%)
- Green (75%)
- Blue (51%)



- Red (50%)
- Yellow (75%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (32%)
- Black (25%)





- Cyan (50%)
- Magenta (25%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 41.341, 142.887 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 72, 41.341, 142.887 by changing the saturation by 10% instead.


 72, 41.341,
142.887


 72, 41.341,
142.887


 100, 41.341,
142.887


 62, 41.341,
142.887


 92, 41.341,
142.887

 52, 41.341,
142.887

 42, 41.341,
142.887

 32, 41.341,
142.887

 22, 41.341,
142.887

 12, 41.341,
142.887

 2, 41.341, 142.887

■ 0, 41.341, 142.887

■ 72, 41.341,
142.887

■ 72, 41.341,
142.887

■ 71, 53.267,
141.902

■ 73, 29.031,
143.747

■ 70, 64.494,
140.800

■ 75, 16.579,
144.489

■ 69, 74.647,
139.619

■ 77, 4.176, 145.162

■ 68, 83.296,
138.436

■ 79, 8.041, 325.600

■ 68, 89.986,
137.370

■ 81, 19.979,
326.070

■ 68, 94.346,
136.562

■ 83, 31.581,
326.458

■ 85, 39.785,

■ 68, 96.017,
136.260

325.805

Harmonies

Complementary

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



72, 41.341, 142.887



62, 41.321, 327.117

Rectangle

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



72, 41.341, 142.887



72, 41.341, 192.887



72, 41.341, 322.887



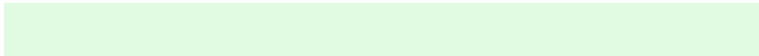
72, 41.341, 12.887

Sweetspot

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



72, 41.342, 142.887



96, 15.321, 144.709



76, 33.806, 107.720



51, 10.460, 144.614



99, 0.012, 296.813



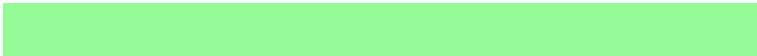
52, 0.007, 296.813

Same Dimension

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



72, 41.342, 142.887



90, 61.105, 142.186



73, 28.673, 161.386



40, 7.062, 144.761



57, 84.165, 136.318



10, 23.900, 144.651

Inverse Universe

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



62, 41.321, 327.117



75, 60.971, 327.496



61, 29.967, 347.775



38, 7.073, 325.786



38, 79.834, 329.509



4, 23.523, 327.401

Previews

White Background



This preview shows how the CIELCh color 72, 41.341, 142.887 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 41.341, 142.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

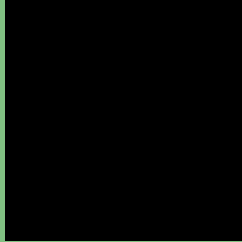
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 41.341, 142.887

Background



This preview shows how black text looks on a background with the CIELCh color 72, 41.341, 142.887.



This preview shows how white text looks on a background with the CIELCh color 72, 41.341, 142.887.

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
72, 41.341, 142.887

Protanopia
72, 29.140, 95.712

Deuteranopia
72, 24.262, 68.937

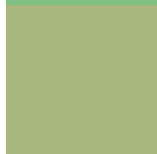


Tritanopia
72, 16.298, 228.721

Trichromacy



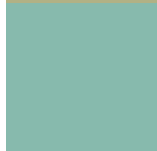
Original Color
72, 41.341, 142.887



Protanomaly
72, 31.123, 118.502



Deuteranomaly
71, 23.727, 107.804



Tritanomaly
72, 19.561, 176.554

Monochromacy



Original Color
72, 41.341, 142.887



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 15.651, 144.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 41.341, 142.887 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(128, 192, 130)` looks like.

```
.text, #text, p{  
    color:rgb(128, 192, 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(128, 192, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 192, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 41.341, 142.887 is called "border". The border property can be set on classes, ids or directly on the HTML element.

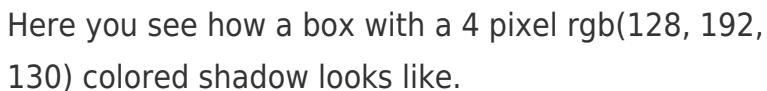
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 192, 130) }
```

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

```
.border{ border-color:rgb(128, 192, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 192, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 192, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 192, 130);  
box-shadow:4px 4px 4px 4px rgb(128, 192,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 41.341, 142.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 192, 130) }
```

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

```
.background{ background-color: rgb(128,  
192, 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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