

Converting Colors

CIELCh(70, 48.791, 141.499)

Have a look what the booklet for
CIELCh(70, 48.791, 141.499)
contains.

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Color

CIELCh(70, 48.791, 141.499)

Conversions

Conversions Part 1

Format	Color
Hex	72BC72
RGB	114, 188, 114
RGB Percent	45%, 74%, 45%
CMY	0.5530, 0.2628, 0.5530
CMYK	0.39, 0.00, 0.39, 0.26
HSL	120°, 36%, 59%
HSV	120°, 39%, 74%
XYZ	27.9529, 40.7494, 22.3067
YIQ	157.4380, -20.3500, -38.7020

Conversions

Conversions Part 2

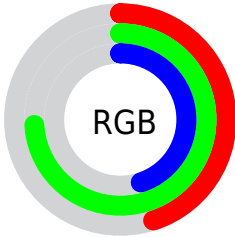
Format	Color
RYB	114, 188, 188
Decimal	7519346
CIELab	70.00, -38.18, 30.37
CIELCh	70, 48.791, 141.499
Yxy	40.7494, 0.3071, 0.4478
Android (android.graphics.Color)	4285709426 (0xFF72BC72)
YUV	157.4380, -21.4149, -38.0951
Hunter-Lab	63.8353, -33.5482, 23.9663

Details

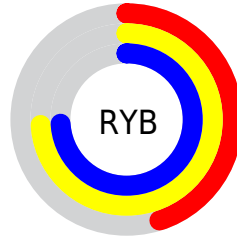
The CIELCh color $70, 48.791, 141.499$ is a dark color, and the websafe version is hex $66CC99$. A complement of this color would be $58, 48.705, 326.527$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $90, 48.779, 141.562$, and $50, 48.641, 141.717$ is the 20% darker color. If you saturate the color by 10%, you get $69, 60.372, 140.464$, and if you desaturate by 10%, it is $71, 36.620, 142.421$.

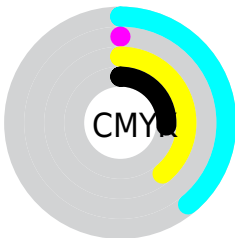
Distribution



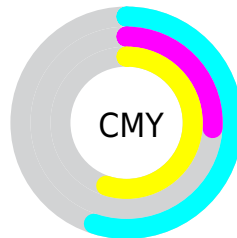
- Red (45%)
- Green (74%)
- Blue (45%)



- Red (45%)
- Yellow (74%)
- Blue (74%)



- Cyan (39%)
- Magenta (0%)
- Yellow (39%)
- Black (26%)




- Cyan (55%)
- Magenta (26%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 48.791, 141.499 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 70, 48.791, 141.499 by changing the saturation by 10% instead.

 70, 48.791,
141.499

 70, 48.791,
141.499

 100, 48.791,
141.499

 60, 48.791,
141.499

 90, 48.791,
141.499

 50, 48.791,
141.499

 40, 48.791,
141.499

 30, 48.791,
141.499

 20, 48.791,
141.499

 10, 48.791,
141.499

 0, 48.791, 141.499

70, 48.791,
141.499

70, 48.791,
141.499

69, 60.372,
140.464

71, 36.620,
142.421

68, 70.985,
139.350

73, 24.154,
143.223

67, 80.184,
138.229

74, 11.627,
143.917

67, 87.472,
137.222

76, 0.791, 324.164

67, 92.405,
136.473

78, 12.978,
324.947

66, 95.094,
136.041

81, 24.856,
325.371

66, 95.245,
136.016

83, 36.377,
325.725

84, 42.012,
325.881

Harmonies

Complementary

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



70, 48.791, 141.499



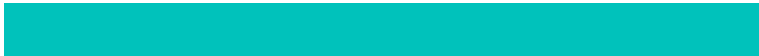
58, 48.705, 326.527

Rectangle

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



70, 48.791, 141.499



70, 48.791, 191.499



70, 48.791, 321.499



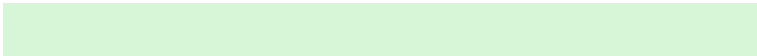
70, 48.791, 11.499

Sweetspot

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



70, 48.792, 141.499



94, 18.495, 143.730



75, 39.009, 106.426



50, 12.272, 143.642



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 48.792, 141.499



88, 71.424, 140.636



71, 33.496, 159.814



39, 7.057, 143.918



57, 83.795, 136.016



9, 21.678, 144.392

Inverse Universe

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



58, 48.705, 326.527



71, 71.114, 326.923



57, 35.088, 347.514



37, 7.068, 324.929



37, 80.849, 328.233



3, 21.490, 325.461

Previews

White Background



This preview shows how the CIELCh color 70, 48.791, 141.499 looks on a white background.

Color Contrast Check

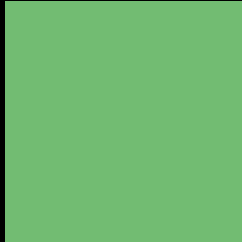
Large Text (above 18pt) WCAG AA × Fail

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 70, 48.791, 141.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

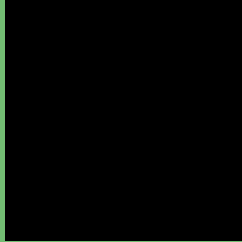
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 48.791, 141.499

Background



This preview shows how black text looks on a background with the CIELCh color 70, 48.791, 141.499.

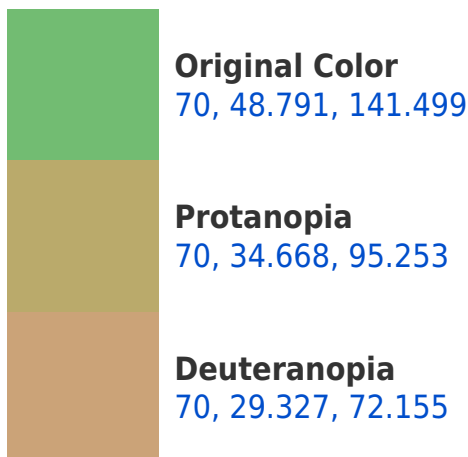


This preview shows how white text looks on a background with the CIELCh color 70, 48.791, 141.499.

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





Tritanopia
70, 17.991, 223.641

Trichromacy



Original Color
70, 48.791, 141.499



Protanomaly
70, 36.534, 117.723



Deuteranomaly
69, 29.159, 108.009



Tritanomaly
70, 23.016, 172.111

Monochromacy



Original Color
70, 48.791, 141.499



Achromatopsia
65, 0.008, 296.813



Achromatomaly
66, 18.272, 143.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 48.791, 141.499 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(114, 188, 114)` looks like.

```
.text, #text, p{  
    color:rgb(114, 188, 114)  
}
```

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(114, 188, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 188, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 48.791, 141.499 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(114, 188, 114) }
```

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

```
.border{ border-color:rgb(114, 188, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 188, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 188, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 188, 114);  
box-shadow:4px 4px 4px 4px rgb(114, 188,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 48.791, 141.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 188, 114) }
```

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

```
.background{ background-color: rgb(114,  
188, 114) }
```

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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