

Converting Colors

CIELCh(70, 46.455, 114.703)

Have a look what the booklet for
CIELCh(70, 46.455, 114.703)
contains.

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Color

CIELCh(70, 46.334, 114.576)

Conversions

Conversions Part 1

Format	Color
Hex	A2B35C
RGB	162, 179, 92
RGB Percent	64%, 70%, 36%
CMY	0.3643, 0.2976, 0.6388
CMYK	0.09, 0.00, 0.49, 0.30
HSL	72°, 36%, 53%
HSV	72°, 49%, 70%
XYZ	32.9994, 40.7494, 16.2741
YIQ	163.9990, 17.7950, -30.6610

Conversions

Conversions Part 2

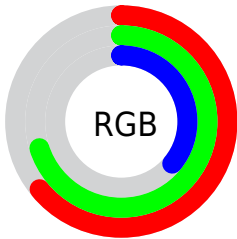
Format	Color
RYB	92, 179, 109
Decimal	10662748
CIELab	70.00, -19.27, 42.14
CIELCh	70, 46.334, 114.576
Yxy	40.7494, 0.3666, 0.4527
Android (android.graphics.Color)	4288852828 (0xFFA2B35C)
YUV	163.9990, -35.4955, -1.7531
Hunter-Lab	63.8353, -19.4370, 29.5693

Details

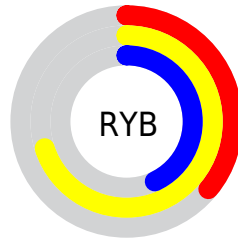
The CIELCh color **70, 46.334, 114.576** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **45, 52.197, 302.374**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 46.547, 114.771**, and **50, 46.212, 114.682** is the 20% darker color. If you saturate the color by 10%, you get **70, 54.827, 114.056**, and if you desaturate by 10%, it is **71, 37.257, 115.197**.

Distribution



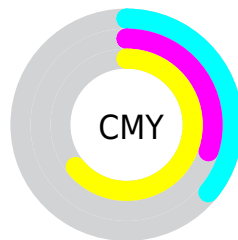
- Red (64%)
- Green (70%)
- Blue (36%)



- Red (36%)
- Yellow (70%)
- Blue (43%)



- Cyan (9%)
- Magenta (0%)
- Yellow (49%)
- Black (30%)





- Cyan (36%)
- Magenta (30%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 46.334, 114.576 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, 46.334, 114.576 by changing the saturation by 10% instead.


 70, 46.334,
114.576


 70, 46.334,
114.576


 100, 46.334,
114.576


 60, 46.334,
114.576


 90, 46.334,
114.576

 50, 46.334,
114.576

 40, 46.334,
114.576

 30, 46.334,
114.576

 20, 46.334,
114.576

 10, 46.334,
114.576

 0, 46.334, 114.576

70, 46.334,
114.576

70, 46.334,
114.576

70, 54.827,
114.056

71, 37.257,
115.197

69, 62.411,
113.693

71, 27.818,
115.866

69, 68.668,
113.573

72, 18.167,
116.555

68, 73.167,
113.784

72, 8.404, 117.242

68, 75.859,
114.345

73, 1.404, 297.904

68, 76.201,
114.429

74, 11.212,
298.554

75, 20.985,
299.168

76, 30.700,
299.746

■ 77, 40.338,
300.289

Harmonies

Complementary

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



70, 46.334, 114.576



45, 52.197, 302.374

Rectangle

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



70, 46.334, 114.576



70, 46.334, 164.576



70, 46.334, 294.576



70, 46.334, 344.576

Sweetspot

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



70, 46.335, 114.578



91, 18.122, 116.784



53, 33.820, 38.304



48, 12.457, 116.641



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 46.335, 114.578



88, 66.944, 114.038



67, 52.091, 132.810



38, 5.533, 117.191



59, 67.805, 114.297



8, 13.586, 120.908

Inverse Universe

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



45, 52.197, 302.374



50, 78.051, 303.677



49, 54.092, 317.226



35, 5.646, 298.477



18, 89.935, 307.319



1, 13.407, 296.092

Previews

White Background



This preview shows how the CIELCh color 70, 46.334, 114.576 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, 46.334, 114.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

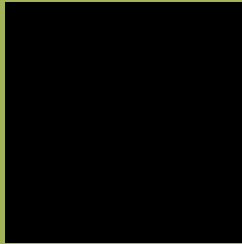
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 46.334, 114.576

Background



This preview shows how black text looks on a background with the CIELCh color 70, 46.334, 114.576.




This preview shows how white text looks on a background with the CIELCh color 70, 46.334, 114.576.

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, 7.302, 302.492

Trichromacy



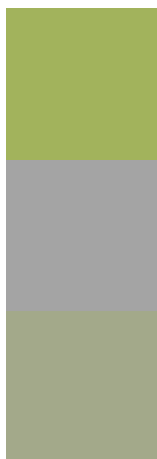
Original Color
70, 46.334, 114.576

Protanomaly
70, 44.474, 102.854

Deuteranomaly
70, 40.872, 92.465

Tritanomaly
70, 13.165, 115.721

Monochromacy



Original Color
70, 46.334, 114.576

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 17.106, 116.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 46.334, 114.576 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(162, 179, 92)` looks like.

```
.text, #text, p{  
    color:rgb(162, 179, 92)  
}
```

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(162, 179, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 179, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 46.334, 114.576 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(162, 179, 92) }
```

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

```
.border{ border-color:rgb(162, 179, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 179, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 179, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 179, 92);  
box-shadow:4px 4px 4px 4px rgb(162, 179,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 46.334, 114.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 179, 92) }
```

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

```
.background{ background-color: rgb(162,  
179, 92) }
```

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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