

Converting Colors

CIELCh(73, 35.890, 149.538)

Have a look what the booklet for
CIELCh(73, 35.890, 149.538)
contains.

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Color

CIELCh(73, 35.921, 149.522)

Conversions

Conversions Part 1

Format	Color
Hex	81C291
RGB	129, 194, 145
RGB Percent	51%, 76%, 57%
CMY	0.4950, 0.2401, 0.4322
CMYK	0.34, 0.00, 0.25, 0.24
HSL	135°, 35%, 63%
HSV	135°, 34%, 76%
XYZ	33.3510, 45.1644, 33.6572
YIQ	168.9790, -23.0110, -29.0190

Conversions

Conversions Part 2

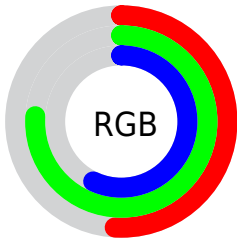
Format	Color
RYB	129, 181, 194
Decimal	8503953
CIELab	73.00, -30.96, 18.22
CIELCh	73, 35.921, 149.522
Yxy	45.1644, 0.2973, 0.4026
Android (android.graphics.Color)	4286694033 (0xFF81C291)
YUV	168.9790, -11.8216, -35.0616
Hunter-Lab	67.2044, -29.0251, 17.3496

Details

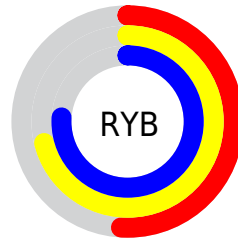
The CIELCh color $73, 35.921, 149.522$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $62, 36.169, 334.477$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 35.942, 149.351$, and $53, 36.019, 149.240$ is the 20% darker color. If you saturate the color by 10%, you get $72, 46.275, 148.434$, and if you desaturate by 10%, it is $74, 25.274, 150.465$.

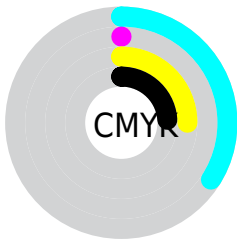
Distribution



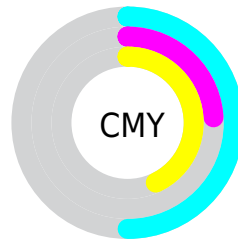
- Red (51%)
- Green (76%)
- Blue (57%)



- Red (51%)
- Yellow (71%)
- Blue (76%)



- Cyan (34%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)





- Cyan (50%)
- Magenta (24%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 35.921, 149.522 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 73, 35.921, 149.522 by changing the saturation by 10% instead.


 73, 35.921,
149.522


 73, 35.921,
149.522


 100, 35.921,
149.522


 63, 35.921,
149.522


 93, 35.921,
149.522

 53, 35.921,
149.522

 43, 35.921,
149.522

 33, 35.921,
149.522

 23, 35.921,
149.522

 13, 35.921,
149.522

 3, 35.921, 149.522

73, 35.921,
149.522

73, 35.921,
149.522

72, 46.275,
148.434

74, 25.274,
150.465

71, 56.126,
147.183

76, 14.508,
151.288

70, 65.257,
145.760

78, 3.768, 152.055

69, 73.454,
144.172

80, 6.834, 332.540

69, 80.529,
142.448

82, 17.220,
333.107

69, 86.337,
140.660

84, 27.335,
333.589

85, 35.139,

■ 69, 89.452,
139.580

329.655

■ 85, 38.403,
325.758

Harmonies

Complementary

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



73, 35.921, 149.522



62, 36.169, 334.477

Rectangle

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



73, 35.921, 149.522



73, 35.921, 199.522



73, 35.921, 329.522



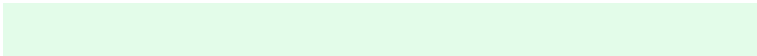
73, 35.921, 19.522

Sweetspot

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



73, 35.922, 149.522



97, 13.258, 151.545



76, 34.860, 117.118



52, 9.126, 151.437



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 35.922, 149.522



92, 52.846, 148.766



74, 24.623, 175.012



40, 6.061, 151.604



58, 77.367, 139.847



10, 21.506, 148.929

Inverse Universe

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



62, 36.169, 334.477



75, 53.158, 335.014



61, 27.546, 2.156



38, 6.085, 332.770



36, 67.868, 340.936



4, 19.168, 337.088

Previews

White Background



This preview shows how the CIELCh color 73, 35.921, 149.522 looks on a white background.

Color Contrast Check

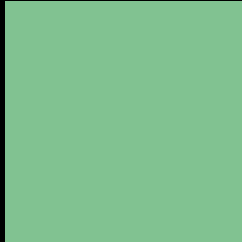
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 35.921, 149.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

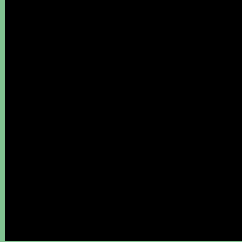
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 35.921, 149.522

Background



This preview shows how black text looks on a background with the CIELCh color 73, 35.921, 149.522.

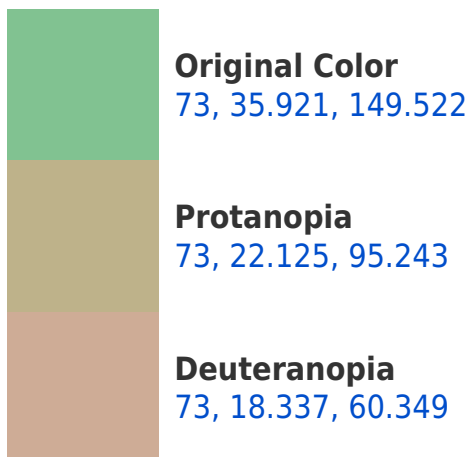


This preview shows how white text looks on a background with the CIELCh color 73, 35.921, 149.522.

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
73, 17.066, 227.091

Trichromacy



Original Color
73, 35.921, 149.522

Protanomaly
73, 24.495, 122.922

Deuteranomaly
72, 17.281, 111.110

Tritanomaly
73, 19.055, 184.668

Monochromacy



Original Color
73, 35.921, 149.522

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 13.443, 151.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 35.921, 149.522 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(129, 194, 145)` looks like.

```
.text, #text, p{  
    color:rgb(129, 194, 145)  
}
```

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(129, 194, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 194, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 35.921, 149.522 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(129, 194, 145) }
```

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

```
.border{ border-color:rgb(129, 194, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 194, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 194, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 194, 145);  
box-shadow:4px 4px 4px 4px rgb(129, 194,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 35.921, 149.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 194, 145) }
```

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

```
.background{ background-color: rgb(129,  
194, 145) }
```

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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