

Converting Colors

CIELCh(73, 42.752, 145.019)

Have a look what the booklet for
CIELCh(73, 42.752, 145.019)
contains.

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Color

CIELCh(73, 42.505, 144.984)

Conversions

Conversions Part 1

Format	Color
Hex	7DC385
RGB	125, 195, 133
RGB Percent	49%, 76%, 52%
CMY	0.5092, 0.2347, 0.4779
CMYK	0.36, 0.00, 0.32, 0.23
HSL	127°, 37%, 63%
HSV	127°, 36%, 77%
XYZ	32.2696, 45.1644, 29.2571
YIQ	167.0020, -21.8180, -34.1220

Conversions

Conversions Part 2

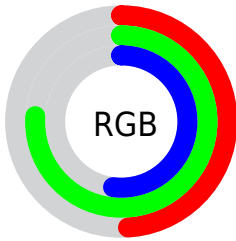
Format	Color
RYB	125, 188, 195
Decimal	8242053
CIELab	73.00, -34.81, 24.39
CIElCh	73, 42.505, 144.984
Yxy	45.1644, 0.3025, 0.4233
Android (android.graphics.Color)	4286432133 (0xFF7DC385)
YUV	167.0020, -16.7630, -36.8358
Hunter-Lab	67.2044, -31.8974, 21.2315

Details

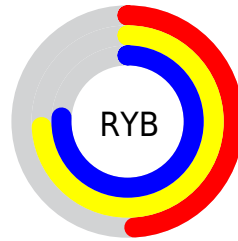
The CIELCh color $73, 42.505, 144.984$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $62, 42.519, 329.815$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 42.286, 145.126$, and $53, 42.578, 145.072$ is the 20% darker color. If you saturate the color by 10%, you get $72, 53.853, 143.925$, and if you desaturate by 10%, it is $74, 30.758, 145.904$.

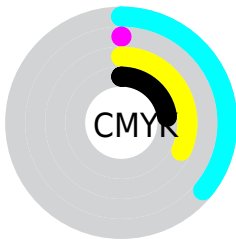
Distribution



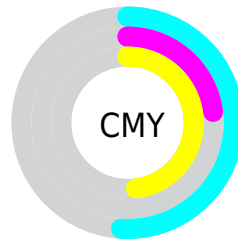
- Red (49%)
- Green (76%)
- Blue (52%)



- Red (49%)
- Yellow (74%)
- Blue (76%)



- Cyan (36%)
- Magenta (0%)
- Yellow (32%)
- Black (23%)





- Cyan (51%)
- Magenta (23%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 42.505, 144.984 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, 42.505, 144.984 by changing the saturation by 10% instead.


 73, 42.505,
144.984


 73, 42.505,
144.984

 100, 42.505,
144.984


 63, 42.505,
144.984


 93, 42.505,
144.984

 53, 42.505,
144.984

 43, 42.505,
144.984

 33, 42.505,
144.984

 23, 42.505,
144.984

 13, 42.505,
144.984

 3, 42.505, 144.984

■ 0, 42.505, 144.984

■ 73, 42.505,
144.984

■ 73, 42.505,
144.984

■ 72, 53.853,
143.925

■ 74, 30.758,
145.904

■ 71, 64.525,
142.725

■ 76, 18.838,
146.698

■ 70, 74.212,
141.404

■ 78, 6.927, 147.398

■ 70, 82.580,
140.012

■ 80, 4.838, 327.877


■ 69, 89.296,
138.641

■ 82, 16.360,
328.413


■ 69, 94.080,
137.420

■ 84, 27.577,
328.846

■ 86, 37.176,

 69, 95.524,
137.045

326.120

 86, 37.536,
325.728

Harmonies

Complementary

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



73, 42.505, 144.984



62, 42.519, 329.815

Rectangle

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



73, 42.505, 144.984



73, 42.505, 194.984



73, 42.505, 324.984



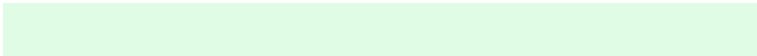
73, 42.505, 14.984

Sweetspot

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



73, 42.506, 144.984



97, 16.051, 147.035



77, 36.899, 111.205



52, 10.881, 146.938



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, 42.506, 144.984



91, 62.377, 144.171



74, 29.161, 165.827



40, 6.666, 147.160



57, 82.357, 137.216



10, 22.963, 146.194

Inverse Universe

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



62, 42.519, 329.815



74, 62.236, 330.277



60, 31.288, 353.272



38, 6.680, 328.224



37, 74.868, 333.313



4, 21.757, 330.547

Previews

White Background



This preview shows how the CIELCh color 73, 42.505, 144.984 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 73, 42.505, 144.984 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, 42.505, 144.984

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.505, 144.984.

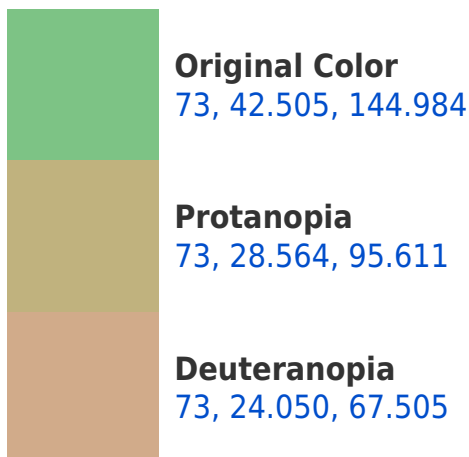


This preview shows how white text looks on a background with the CIELCh color 73, 42.505, 144.984.

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, 17.401, 224.396

Trichromacy



Original Color
73, 42.505, 144.984



Protanomaly
72, 30.132, 119.716



Deuteranomaly
72, 23.664, 108.822



Tritanomaly
73, 21.239, 176.695

Monochromacy



Original Color
73, 42.505, 144.984



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 15.405, 147.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.505, 144.984 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(125, 195, 133)` looks like.

```
.text, #text, p{  
    color:rgb(125, 195, 133)  
}
```

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(125, 195, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 195, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.505, 144.984 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(125, 195, 133) }
```

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

```
.border{ border-color:rgb(125, 195, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 195, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 195, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 195, 133);  
box-shadow:4px 4px 4px 4px rgb(125, 195,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.505, 144.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 195, 133) }
```

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

```
.background{ background-color: rgb(125,  
195, 133) }
```

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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