

Converting Colors

CIELCh(73, 52.384, 141.369)

Have a look what the booklet for
CIELCh(73, 52.384, 141.369)
contains.

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Color

CIELCh(73, 52.218, 141.363)

Conversions

Conversions Part 1

Format	Color
Hex	75C575
RGB	117, 197, 117
RGB Percent	46%, 77%, 46%
CMY	0.5400, 0.2262, 0.5401
CMYK	0.41, 0.00, 0.41, 0.23
HSL	120°, 41%, 62%
HSV	120°, 41%, 77%
XYZ	30.6389, 45.1644, 24.0186
YIQ	163.9600, -22.0000, -41.8400

Conversions

Conversions Part 2

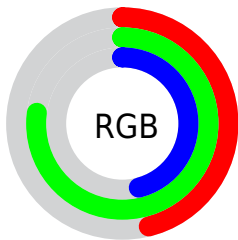
Format	Color
RYB	117, 197, 197
Decimal	7718261
CIELab	73.00, -40.79, 32.60
CIElCh	73, 52.218, 141.363
Yxy	45.1644, 0.3069, 0.4524
Android (android.graphics.Color)	4285908341 (0xFF75C575)
YUV	163.9600, -23.1513, -41.1839
Hunter-Lab	67.2044, -36.2285, 25.8531

Details

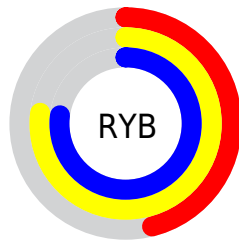
The CIELCh color **73, 52.218, 141.363** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **61, 52.110, 326.586**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 52.170, 141.491**, and **53, 52.635, 141.357** is the 20% darker color. If you saturate the color by 10%, you get **72, 64.153, 140.312**, and if you desaturate by 10%, it is **74, 39.620, 142.304**.

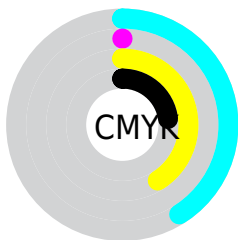
Distribution



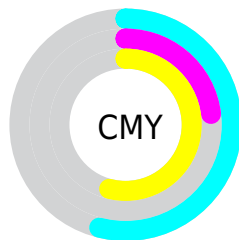
- Red (46%)
- Green (77%)
- Blue (46%)



- Red (46%)
- Yellow (77%)
- Blue (77%)



- Cyan (41%)
- Magenta (0%)
- Yellow (41%)
- Black (23%)





- Cyan (54%)
- Magenta (23%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 52.218, 141.363 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, 52.218, 141.363 by changing the saturation by 10% instead.


 73, 52.218,
141.363


 73, 52.218,
141.363


 100, 52.218,
141.363


 63, 52.218,
141.363


 93, 52.218,
141.363

 53, 52.218,
141.363

 43, 52.218,
141.363

 33, 52.218,
141.363

 23, 52.218,
141.363

 13, 52.218,
141.363

 3, 52.218, 141.363

0, 52.218, 141.363

73, 52.218,
141.363

73, 52.218,
141.363

72, 64.153,
140.312

74, 39.620,
142.304

71, 75.019,
139.188

76, 26.679,
143.123

70, 84.339,
138.072

78, 13.646,
143.831

70, 91.592,
137.091

80, 0.709, 144.766

70, 96.336,
136.390

82, 12.000,
324.886

70, 98.745,
136.015

84, 24.394,
325.321

■ 86, 36.185,
325.682

Harmonies

Complementary

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



73, 52.218, 141.363



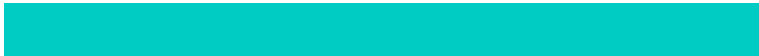
61, 52.110, 326.586

Rectangle

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



73, 52.218, 141.363



73, 52.218, 191.363



73, 52.218, 321.363



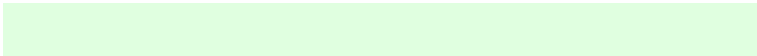
73, 52.218, 11.363

Sweetspot

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



73, 52.219, 141.363



97, 19.117, 143.723



78, 41.125, 105.569



52, 12.689, 143.632



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, 52.219, 141.363



91, 76.682, 140.401



74, 36.330, 158.800



41, 7.371, 143.908



58, 85.775, 136.015



11, 26.595, 143.587

Inverse Universe

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



61, 52.110, 326.586



73, 76.286, 327.012



59, 37.939, 346.706



39, 7.382, 324.926



39, 82.761, 328.224



4, 26.739, 327.018

Previews

White Background



This preview shows how the CIELCh color 73, 52.218, 141.363 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, 52.218, 141.363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

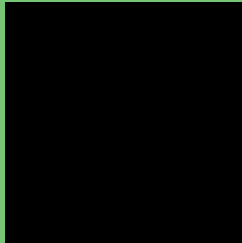
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 52.218, 141.363

Background



This preview shows how black text looks on a background with the CIELCh color 73, 52.218, 141.363.

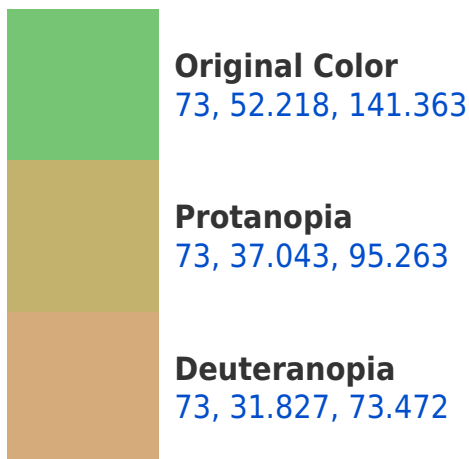


This preview shows how white text looks on a background with the CIELCh color 73, 52.218, 141.363.

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, 18.899, 223.951

Trichromacy



Original Color
73, 52.218, 141.363



Protanomaly
72, 38.873, 117.496



Deuteranomaly
72, 32.071, 109.234



Tritanomaly
73, 24.850, 171.483

Monochromacy



Original Color
73, 52.218, 141.363



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 19.461, 143.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 52.218, 141.363 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(117, 197, 117)` looks like.

```
.text, #text, p{  
    color:rgb(117, 197, 117)  
}
```

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(117, 197, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 197, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 52.218, 141.363 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(117, 197, 117) }
```

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

```
.border{ border-color:rgb(117, 197, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 197, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 197, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 197, 117);  
box-shadow:4px 4px 4px 4px rgb(117, 197,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 52.218, 141.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 197, 117) }
```

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

```
.background{ background-color: rgb(117,  
197, 117) }
```

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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