

Converting Colors

CIELCh(75, 53.623, 141.893)

Have a look what the booklet for
CIELCh(75, 53.623, 141.893)
contains.

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Color

CIELCh(75, 53.623, 141.893)

Conversions

Conversions Part 1

Format	Color
Hex	77CB79
RGB	119, 203, 121
RGB Percent	47%, 80%, 47%
CMY	0.5315, 0.2021, 0.5238
CMYK	0.41, 0.00, 0.40, 0.20
HSL	121°, 45%, 63%
HSV	121°, 41%, 80%
XYZ	32.6144, 48.2781, 25.8271
YIQ	168.5360, -23.7420, -43.3100

Conversions

Conversions Part 2

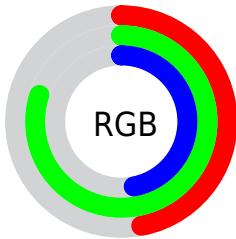
Format	Color
RYB	119, 201, 203
Decimal	7850873
CIELab	75.00, -42.19, 33.09
CIElCh	75, 53.623, 141.893
Yxy	48.2781, 0.3056, 0.4524
Android (android.graphics.Color)	4286040953 (0xFF77CB79)
YUV	168.5360, -23.4352, -43.4431
Hunter-Lab	69.4824, -37.8080, 26.5992

Details

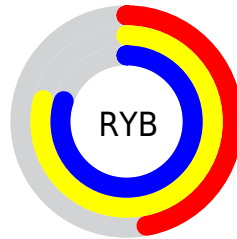
The CIELCh color **75, 53.623, 141.893** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **62, 53.493, 327.303**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 50.485, 141.873**, and **55, 53.447, 141.903** is the 20% darker color. If you saturate the color by 10%, you get **74, 65.637, 140.814**, and if you desaturate by 10%, it is **76, 40.933, 142.855**.

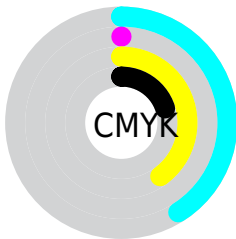
Distribution



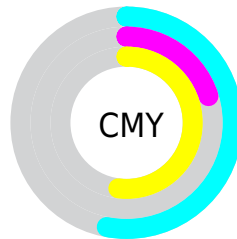
- Red (47%)
- Green (80%)
- Blue (47%)



- Red (47%)
- Yellow (79%)
- Blue (80%)



- Cyan (41%)
- Magenta (0%)
- Yellow (40%)
- Black (20%)





- Cyan (53%)
- Magenta (20%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 53.623, 141.893 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 75, 53.623, 141.893 by changing the saturation by 10% instead.


 75, 53.623,
141.893


 75, 53.623,
141.893


 100, 53.623,
141.893


 65, 53.623,
141.893


 95, 53.623,
141.893

 55, 53.623,
141.893

 45, 53.623,
141.893

 35, 53.623,
141.893

 25, 53.623,
141.893

 15, 53.623,
141.893

 5, 53.623, 141.893

0, 53.623, 141.893

75, 53.623,
141.893

75, 53.623,
141.893

74, 65.637,
140.814

76, 40.933,
142.855

73, 76.579,
139.650

78, 27.884,
143.691

72, 85.989,
138.474

80, 14.731,
144.413

72, 93.373,
137.405

82, 1.664, 145.161

72, 98.303,
136.587

84, 11.182,
325.491

72, 100.627,
136.185

86, 23.716,
325.939

■ 88, 32.315,
325.549

Harmonies

Complementary

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



75, 53.623, 141.893



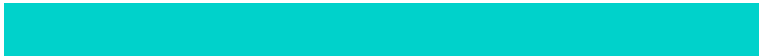
62, 53.493, 327.303

Rectangle

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



75, 53.623, 141.893



75, 53.623, 191.893



75, 53.623, 321.893



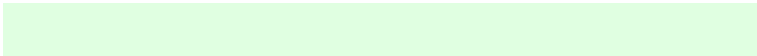
75, 53.623, 11.893

Sweetspot

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



75, 53.624, 141.893



97, 18.814, 144.354



80, 43.535, 106.993



52, 12.488, 144.263



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 53.624, 141.893



91, 76.942, 140.885



76, 36.850, 160.422



42, 7.407, 144.539



59, 86.303, 136.234



12, 28.363, 143.298

Inverse Universe

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



62, 53.493, 327.303



72, 76.465, 327.755



60, 38.856, 348.785



40, 7.419, 325.569



39, 82.197, 329.180



5, 28.502, 328.258

Previews

White Background



This preview shows how the CIELCh color 75, 53.623, 141.893 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 75, 53.623, 141.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

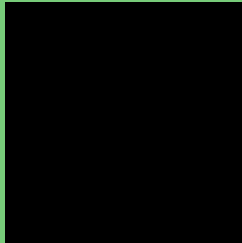
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 53.623, 141.893

Background



This preview shows how black text looks on a background with the CIELCh color 75, 53.623, 141.893.

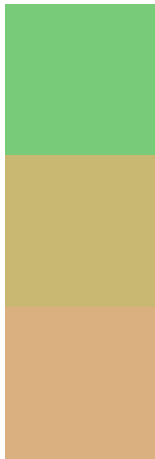


This preview shows how white text looks on a background with the CIELCh color 75, 53.623, 141.893.

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](#).

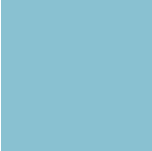
Dichromacy



Original Color
75, 53.623, 141.893

Protanopia
75, 37.769, 96.222

Deuteranopia
75, 31.888, 72.978



Tritanopia
75, 19.808, 224.261

Trichromacy



Original Color
75, 53.623, 141.893



Protanomaly
74, 39.851, 118.350



Deuteranomaly
74, 31.931, 109.306



Tritanomaly
75, 25.583, 172.412

Monochromacy



Original Color
75, 53.623, 141.893



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 20.229, 144.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 53.623, 141.893 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(119, 203, 121)` looks like.

```
.text, #text, p{  
    color:rgb(119, 203, 121)  
}
```

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(119, 203, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 203, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 53.623, 141.893 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(119, 203, 121) }
```

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

```
.border{ border-color:rgb(119, 203, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 203, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 203, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 203, 121); box-shadow:4px 4px 4px 4px rgb(119, 203, 121) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 53.623, 141.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 203, 121) }
```

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

```
.background{ background-color: rgb(119,  
203, 121) }
```

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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