

Converting Colors

CIELCh(76, 56.843, 152.569)

Have a look what the booklet for
CIELCh(76, 56.843, 152.569)
contains.

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Color

CIELCh(76, 56.862, 152.530)

Conversions

Conversions Part 1

Format	Color
Hex	58D289
RGB	88, 210, 137
RGB Percent	35%, 82%, 54%
CMY	0.6555, 0.1771, 0.4633
CMYK	0.58, 0.00, 0.35, 0.18
HSL	144°, 57%, 58%
HSV	144°, 58%, 82%
XYZ	31.5236, 49.8872, 31.5825
YIQ	165.2000, -49.2790, -48.5670

Conversions

Conversions Part 2

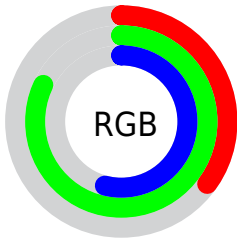
Format	Color
RYB	88, 175, 210
Decimal	5821065
CIELab	76.00, -50.45, 26.23
CIELCh	76, 56.862, 152.530
Yxy	49.8872, 0.2790, 0.4415
Android (android.graphics.Color)	4284011145 (0xFF58D289)
YUV	165.2000, -13.9026, -67.7044
Hunter-Lab	70.6309, -43.9369, 22.9302

Details

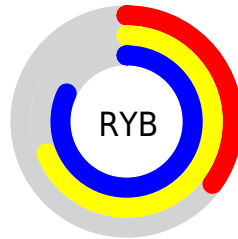
The CIELCh color **76, 56.862, 152.530** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **55, 58.116, 344.373**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 49.565, 154.893**, and **56, 56.788, 152.467** is the 20% darker color. If you saturate the color by 10%, you get **75, 65.006, 150.905**, and if you desaturate by 10%, it is **77, 47.965, 153.958**.

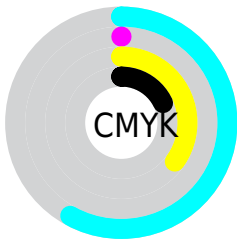
Distribution



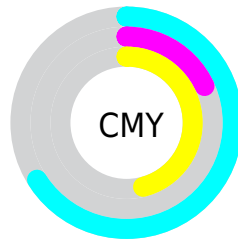
- Red (35%)
- Green (82%)
- Blue (54%)



- Red (35%)
- Yellow (69%)
- Blue (82%)



- Cyan (58%)
- Magenta (0%)
- Yellow (35%)
- Black (18%)





- Cyan (66%)
- Magenta (18%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 56.862, 152.530 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 76, 56.862, 152.530 by changing the saturation by 10% instead.


 76, 56.862,
152.530


 76, 56.862,
152.530


 100, 56.862,
152.530


 66, 56.862,
152.530


 96, 56.862,
152.530

 56, 56.862,
152.530

 46, 56.862,
152.530

 36, 56.862,
152.530

 26, 56.862,
152.530

 16, 56.862,
152.530

 6, 56.862, 152.530

0, 56.862, 152.530

76, 56.862,
152.530

76, 56.862,
152.530

75, 65.006,
150.905

77, 47.965,
153.958

75, 72.258,
149.075

78, 38.482,
155.208

74, 78.544,
147.053

79, 28.596,
156.303

74, 83.898,
144.905

81, 18.477,
157.269

74, 84.832,
144.524

83, 8.275, 158.142

85, 1.887, 338.645

87, 11.917,

339.492

■ 89, 21.551,
339.639

■ 89, 26.177,
328.743

Harmonies

Complementary

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



76, 56.862, 152.530



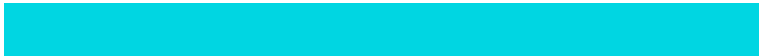
55, 58.116, 344.373

Rectangle

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



76, 56.862, 152.530



76, 56.862, 202.530



76, 56.862, 332.530



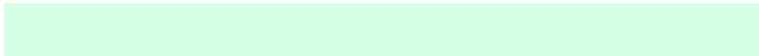
76, 56.862, 22.530

Sweetspot

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



76, 56.863, 152.530



96, 20.279, 157.355



79, 64.479, 122.755



51, 13.564, 157.170



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 56.863, 152.530



89, 77.622, 150.441



77, 37.043, 186.482



43, 5.752, 158.034



60, 71.404, 144.891



13, 24.298, 150.657

Inverse Universe

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



55, 58.116, 344.373



62, 77.832, 346.327



54, 52.283, 19.818



41, 5.800, 339.388



37, 64.047, 352.814



5, 23.015, 347.416

Previews

White Background



This preview shows how the CIELCh color 76, 56.862, 152.530 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 76, 56.862, 152.530 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 76, 56.862, 152.530

Background



This preview shows how black text looks on a background with the CIELCh color 76, 56.862, 152.530.

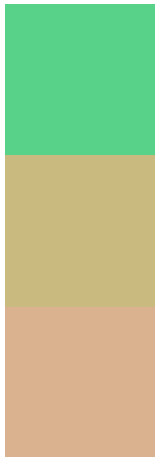


This preview shows how white text looks on a background with the CIELCh color 76, 56.862, 152.530.

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

76, 56.862, 152.530

Protanopia

75, 32.030, 95.910

Deuteranopia

75, 24.831, 66.931



Tritanopia
76, 27.718, 215.889

Trichromacy



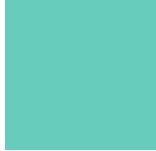
Original Color
76, 56.862, 152.530



Protanomaly
75, 36.683, 129.190



Deuteranomaly
74, 27.231, 123.745

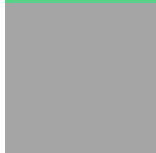


Tritanomaly
76, 33.661, 181.034

Monochromacy



Original Color
76, 56.862, 152.530



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 21.810, 157.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 56.862, 152.530 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(88, 210, 137)` looks like.

```
.text, #text, p{  
    color:rgb(88, 210, 137)  
}
```

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(88, 210, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 210, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 56.862, 152.530 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(88, 210, 137) }
```

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

```
.border{ border-color:rgb(88, 210, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 210, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 210, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 210, 137);  
box-shadow:4px 4px 4px 4px rgb(88, 210,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 56.862, 152.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 210, 137) }
```

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

```
.background{ background-color: rgb(88, 210,  
137) }
```

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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